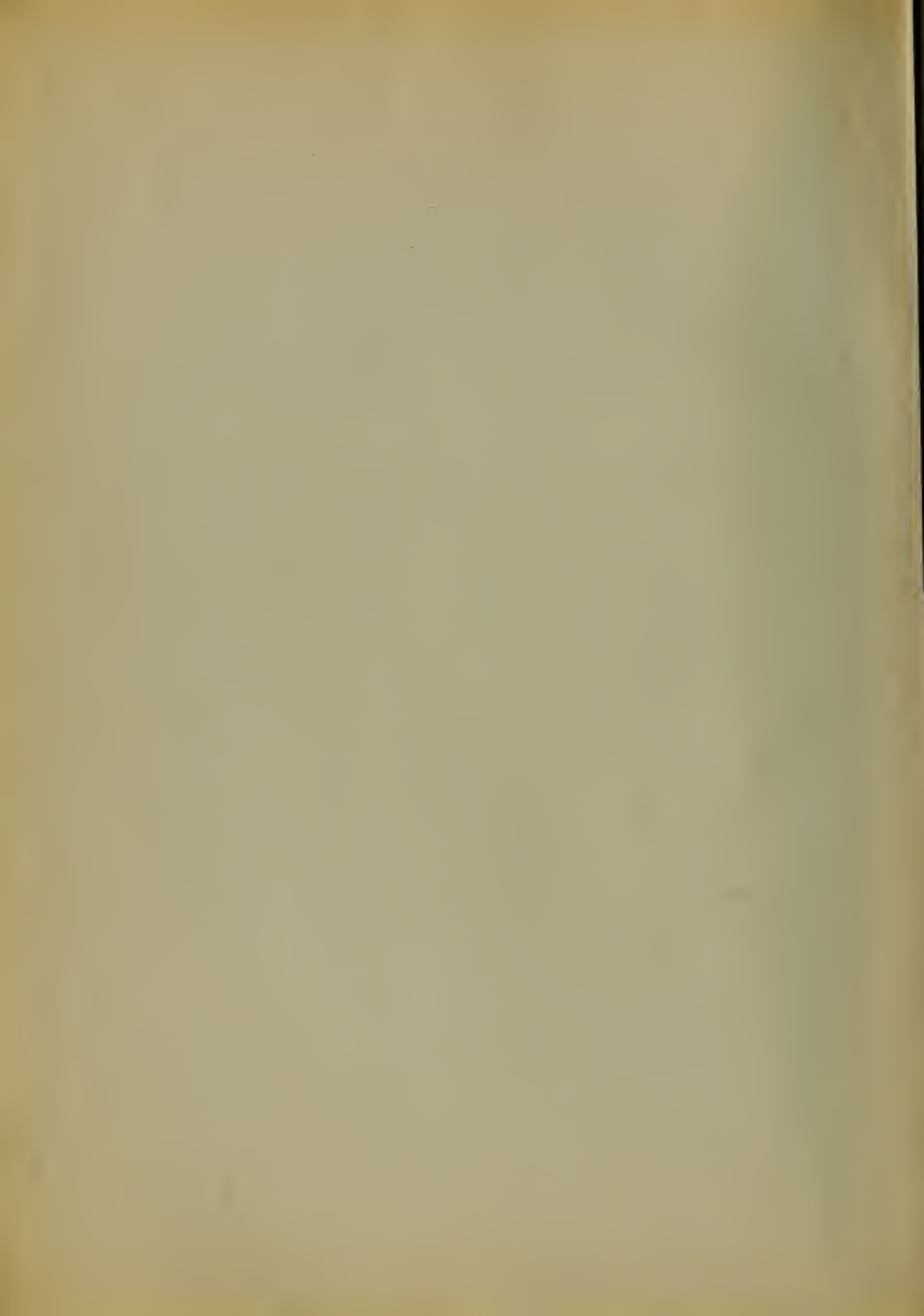




DENTAL
COLUMBIAN
1938

71602





EX LIBRIS

Presented by

SIDNEY L. MILLER—Editor

KERMIT SHAPIRO—Business Manager

CORNELIUS J. McCLOSKEY—Advertising Manager



The
DENTAL COLUMBIAN
NINETEEN HUNDRED AND THIRTY-EIGHT



SCHOOL OF DENTAL
AND ORAL SURGERY
COLUMBIA UNIVERSITY

F O R E W O R D

This, the sixth volume of the Dental Columbian, represents another generation in a noble and illustrious family of annual publications of the School of Dental and Oral Surgery of Columbia University.

Each Senior Class has a host of traditions to which it must remain true, and which, coupled with the vitality of its own spirit, it passes on to its successor. Most fitting as a medium for uniting the things that were with those that are to be has been this, the Dental Columbian.

In the name of the Class of Nineteen Hundred and Thirty-eight, cherishing the desire that it may be worthy of its predecessors, we present this, the 1938 Dental Columbian.

THE EDITORS





Dr. **William H. Crawford**, we dedicate the 1938 Dental Columbian to you because you have, throughout your many years of service to the School of Dental and Oral Surgery, been keenly aware of the need for fostering the spirit of research. Your deep devotion to the students and the college has firmly rooted your memory in the minds of all.

D E D I C A T I O N

ADMINISTRATION



NICHOLAS MURRAY BUTLER
LL.D. (Cantab.), D.Litt. (Oxon.),
Hon. D. (Paris)

President of the University

W. C. RAPPLEYE
A.M., M.D.
Dean



H. HOLLIDAY
A. B., D.D.S.
Associate Dean

F A C U L T Y

Prosthetic Dentistry



WILLIAM H. CRAWFORD
D.D.S.
Professor of Dentistry

HARRY A. YOUNG
D.D.S.
Assist. Prof. of Dentistry

JOHN F. RALSTON
D.D.S.
Assist. Prof. of Dentistry

GILBERT P. SMITH
D.D.S.
Assist. Prof. of Dentistry

MORRELL D. McKENZIE
D.D.S.
Instructor in Dentistry



EARLE B. HOYT
D.D.S.
Assoc. Prof. of Dentistry



D. J. W. McLAUGHLIN
D.D.S.
Assist. Prof. of Dentistry



NORMAN W. BOYD
B.S., D.D.S.
Assistant in Dentistry



HAROLD S. WOODRUFF
D.D.S.
Instructor in Dentistry



HENRY JUNEMANN
A.B., D.D.S.
Assistant in Dentistry

The Graduate To-day

WILLIAM H. CRAWFORD, D.D.S., Professor of Dentistry

Dentistry in the past twenty years has made very rapid progress. To substantiate this statement one may cite many examples. More important, however, than any tangible example which may have contributed to this progress is the ability of the present day dental graduate to cope with the problems of dentistry. One may then reasonably ask why the graduate of to-day is better prepared to serve society in the capacity of a dentist than a graduate of twenty years ago.

This I feel, may be attributed to the gradual increase in scholastic requirements of candidates entering dental schools and to the increase in the standards of courses of study within the dental schools. The result of this improved teaching is a dentist who is able to view dentistry from an increasingly wider horizon, who with his improved foundation is capable of conducting his practice on a higher plane, and who with his fundamental training in the basic sciences is capable not only of seeing the vast unsolved problems in dentistry, but also of doing real research in helping to solve them.

It has been my very great privilege to have been so situated in this rapid progress as to be able to watch it closely, to observe the type and the training of the men who have passed through the dental schools year after year. Each year there have been improvements in the quality of the dental student and in his ability to comprehend and absorb not only more but more complex material. He has become more critical, more anxious to understand fundamentals and, because of this trend, a very important step in dental training has been made.

This year's class, 1938, is the first of which a thesis has been required. It is hoped that for each thesis some original work will have been done. If so the student will have derived great benefit, not simply because he will have made a real contribution but because he will have learned from short exposure to research methods to be accurate, thorough, and open-minded, yet skeptical and analytical. These are very important attributes of a dental practitioner and of the man who will guide dentistry in the future.

With graduation the dentist must outline and direct his own educational program. Unless he does continue to study and keep abreast of developments he will soon be lost. Today the graduate is qualified to proceed in any direction he wishes. If he wishes to do research work he may, as he has been properly trained fundamentally. The position of the graduate of today is no longer static but, due to the vision and guidance of leaders in the past, he is now trained in the manner of a scientist, and, as he takes his place in practice, in teaching, and in research, the profession and society will benefit by his ability and knowledge.

Operative Dentistry



LEROY L. HARTMAN, D.D.S., Sc.D.
Professor of Dentistry



IRVIN L. HUNT, Jr.
D.D.S.
Instructor in Dentistry



MAURICE BUCHBINDER
B.S., D.D.S.
Assoc. Prof. of Dentistry



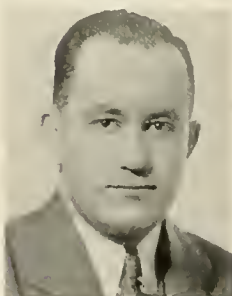
CARL R. OMAN
D.D.S.
Assoc. Prof. of Dentistry



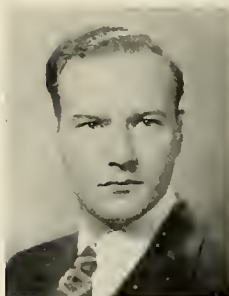
GEORGE F. LINDIG
D.D.S.
Assoc. Prof. of Dentistry



EDWARD H. KOCH
A.B., D.D.S.
Assistant in Dentistry



WILLIAM MILLER
B.S., D.D.S.
Assistant in Dentistry



MILTON R. MILLER
B.S., D.D.S.
Instructor in Dentistry



HERBERT P. FRITZ
B.S., D.D.S.
Assistant in Dentistry

Postgraduate and Graduate Dental Training

HOUGHTON HOLLIDAY, A.B., D.D.S., Professor of Dentistry,
and Associate Dean

Attempts to meet the needs of the general practitioner who has been out of school for a few years have been made in various cities by dental societies and voluntary groups of dentists. However, the work offered by these dental society groups is at best fragmentary and does not fill the need for additional training for men already in practice. Such courses are vastly better than no courses at all and are to be preferred to the type occasionally given by dental equipment supply houses. It is hoped that the time will come when the schools will be able to take over practically all of this training. The fact that there are not dental schools in all communities where we have dentists should not prevent this plan from working out satisfactorily for most dentists. In this age of rapid transportation, if the dentist can not come to the school the representatives of the school can often go to the dentists.

Of perhaps greater importance than the need for these "postgraduate" courses is the need for adequate training and certification in the various branches of dental practice which have acquired the status of dental specialties. Here again the schools have made only a beginning and as a result the specialists have secured their training chiefly through apprenticeships or by self-instruction. As for certification, the specialist has for the most part been his own certifying board. The term of specialist has been self-imposed and the public has had no means of judging the qualifications of one who styles himself a specialist. The general practitioner has the right to practice any branch of dentistry, but when the dentist sets himself up as a specialist in one field of dentistry, implying thereby that he has ability superior to that of the general practitioner, the public and the profession are entitled to have proof of his qualifications in the form of special training or the passing of an examination, or both.

The nature of this graduate training for specialization is still to be determined, but one thing seems certain and that is that it should be on a university basis and qualitatively equivalent to graduate training in other branches of the university. Since the least graduate work to carry university recognition is that for the master's degree, it might be well to start with that in the field of dentistry. It is conceivable that in any of the special clinical phases of dentistry two academic years of work might be so planned as to satisfy the graduate school requirements for the degree of Master of Science in Dental Surgery or Orthodontics or some other special field of dental practice.

The securing of this degree, however, would not by itself qualify a man as a specialist, though it would end the university's part in his preparation. It is regarded as essential that one have several years of experience in general practice before entering a special field. Three years of such practice either before or after the two years of graduate study should fulfill the requirements in this respect.

Now if we regard a candidate as suitably trained to practice as a specialist, it still remains to have some authorized certifying body pass upon his qualifications before he assumes the badge of the specialist. At least two states have laws authorizing the State Board of Dental Examiners to pass upon candidates and certify them as specialists. If the laws escape being declared unconstitutional, as seems unlikely, it would still seem undesirable to have such a lack of uniformity in the certifying procedure as would be certain to result should each state board endeavor to pass on the merits of specialists in all branches of dentistry. It would seem more desirable to have the recognized organizations in each field, such as the American Association of Exodontists and Oral Surgeons, set up its own board of examiners to pass upon those candidates who had fulfilled the five year requirements for specialization. In order that there be similar standards in the various specialties there should also be an advisory board patterned after that functioning in medical specialization. This board should be made up of representatives from each of the specialty boards and representatives from each of the associations interested in dental education, such as the American Association of Dental Schools, the Dental Educational Council, and the American Association of Dental Examiners. Such a board would act in an advisory capacity in matters concerning the coordination of the education and certification of dental specialists.

Such a plan would insure adequate training for the specialist and would protect the public, both lay and professional, in that dentists claiming to be specialists with presumably special proficiency would be required to actually possess the qualification they claim. The day of the self-appointed specialist must end.





HENRY SAGE DUNNING
D.D.S., M.D., B.S.
Professor of Dentistry

Oral Surgery



ADOLPH BERGER
D.D.S.
William Carr, Prof. of Oral Surgery



JOSEPH SCHROFF B.S., M.D., D.D.S.	DOUGLAS B. PARKER M.D., D.D.S.	FRANCIS S. McCAFFREY B.S., D.D.S.	SAMUEL BIRENBACH D.D.S.	KENNETH F. CHASE D.M.D.
Assoc. Prof. of Dentistry	Assoc. Prof. of Dentistry	Assoc. Prof. of Dentistry	Assist. Prof. of Dentistry	Instructor in Dentistry



J. L. McSWEENEY
D.D.S.
Assistant in Dentistry



ALBIN R. SEIDEL
D.M.D.
Instructor in Dentistry



F. A. STEWART, Jr.
A.B., D.D.S.
Instructor in Dentistry



ROBERT NORTHROP
D.D.S.
Instructor in Dentistry

Oral Diagnosis



DANIEL E. ZISKIN
D.D.S.
Associate Professor of Dentistry



HAROLD J. LEONARD
D.D.S., A.B.
Professor of Dentistry



JOSEPH O. FOURNIER
D.D.S.
Assist. Prof. of Dentistry



LEWIS R. STOWE
D.D.S.
Assoc. Prof. of Dentistry



S. N. ROSENSTEIN
B.S., D.D.S.
Assist. Prof. of Dentistry



EDWARD V. ZEGARELLI
A.B., D.D.S.
Assist. in Dentistry



HARRY KAPLAN, Jr.
B.S., D.D.S.
Assist. in Dentistry



J. L. LEFCOURT
B.S., D.D.S.
Clinical Assistant



HENRY J. POWELL
B.S., D.D.S.
Assist. in Dentistry

My House Is Bigger Than Your House

THEODOR ROSEBURY, D.D.S., Assistant Professor of Bacteriology

Certain dentists I know tell me that they have observed an attitude assumed now and then by occasional medical men—practitioners, teachers, or even students—which suggests with or without subtlety that dentists belong to a somewhat lower order of living things than physicians. This would seem to be one of many human prejudices which stem from imponderables—tradition, dignity, respectability—and have their roots in the virtually universal human need to feel large in one's own eyes, and hence bigger, better or nobler than someone else. In a free space, apart from the vapor pressure of either profession, such a prejudice would spontaneously evaporate; logically, that is, it comes quickly to nothing. Medicine is older than dentistry only in organization. Both professions trace back to a common calling whose end, the alleviation of suffering, was always laudable, but whose means were sometimes a shade less than respectable. Each now fills a place which society deems essential, in a world whose awareness of its needs is growing apace. Each is but a servant of that society, valuable in proportion only to its competence. From the viewpoint of the man in the street, of course, to distinguish in importance between a toothache and a bellyache is ridiculous.

But, however illogical, the prejudice seems to be real, and it poses a delicate problem. It appears that certain physicians regard the dentist with more or less gentle contempt, through the lorgnette of a dowager's dignity, and by sundry acts of commission and omission teach their sons to do likewise. And the dentist, reacting to a difficult situation, accepts the stigma with Christian modesty—and so confirms it—or rears up in hysterical denial—and so proves it.

Human dignity is like a hobo's shack, leaning on any available support, built of whatever is at hand, crazy, insecure, but home and castle withal. Man's earth is the center of the universe, his kind the elect of God, himself the pivot around which all things revolve. Modestly he names himself the superior of all other animals, his world the only one, his nation the greatest, his race the purest, his city the best—and all others, being inferior in greater or less degree, are just to that degree contemptible. That every man feels the need to be king over a domain however limited bespeaks his essential frailty, and is pardonable. He wants to believe that he is of use to others besides himself; if he can manage it he wants to believe that the world needs him badly. He likes superlatives (such as "medicine is the noblest of the professions"); but in a pinch comparatives will serve. So some physicians elevate their chins to dentists; dentists arch their eyebrows to veterinarians and pharmacists; all of them are apt to feel nobler than lawyers; and lo! the poor accountant. There are any number of similar series, as witness mathematicians, physicists, chemists, biologists, psychologists; or, in a more limited field, ophthalmologists, oculists, optome-

trists, opticians. They range from royalty to riffraff, present company being, of course, excepted; and no man, indeed, is so low but his dignity will find him someone lower.

You adopt your standard of comparison, naturally, with the end in view and the conclusion foregone. Logic has no place in the matter, for you can't live without the plum of self-respect, and if it doesn't grow in your own back yard you must reach out and pluck your neighbor's. Later it may not be difficult to convince your neighbor, with plausible, if not quite accurate, reasoning, that the plum was yours by right. If he acquiesces, you stand confirmed; if he balks, he is an unpleasant fellow who clearly didn't deserve the plum in the first place, and your case is proved.

Which brings us back to the dentist, and the scale upon which here and there a physician places himself airily as "noblest." So much is explained, if not condoned. But the dentist, obliged to associate with the fellow at close range, finds his own dignity assailed by implication, if not more directly. He can accept the stigma thus applied, or reject it, or ignore it. He may choose, in other words, between three horns of a nice dilemma.

It is clear that to accept it is not only illogical but unhappy, since to do so confirms and in time aggravates the stigma. To reject it, on the other hand, is a delicate matter. A denial recognizes and may at once give standing to the allegation which called it forth. In this instance, because of the peculiar nature of the case, the more vigorous the denial becomes the more likely it is to be retroactive. Here the very foundation of the dentist's lean-to is threatened, yet he must fend the attack with good humor or see his shack collapse. A superior smile, if he can manage to turn one on under these trying circumstances, may prove his best defense; but even so it must be accurately adjusted. If it comes out a sheepish grin or a sneer the point is lost.

Perhaps the dentist had best ignore the thing altogether. The logic of the matter may well be his refuge; but it will not be enough merely to go about his business as usual, or worse, to recede into smug self-assurance. While neither affirming nor denying the allegation, let him look rather to the real standard by which all human callings are properly judged, and act accordingly.

The real standard, to repeat, is competence. Whether it be in dentistry or medicine or bricklaying or any other socially useful service, competence is at once the only stable foundation for self-respect and, in aggregate, the only genuine criterion of nobility in human service. It is not the tool in a man's hand that counts, whether it be the surgeon's knife, the dentist's drill, the carpenter's hammer, or that amazingly skillful fellow's steamshovel; nor is it the thing he uses it on. It is the way he uses it, and the good he does by using it. Let us mind our own business, and mind it well.



Orthodontics

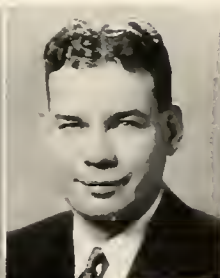
LEUMAN M. WAUGH
D.D.S.
Professor of Dentistry



HENRY U. BARBER, Jr.
D.D.S.
Assist. Prof. of Dentistry



EDWARD G. MURPHY
D.D.S.
Assist. Prof. of Dentistry



ARTHUR C. TOTTON
D.D.S.
Assist. Prof. of Dentistry



LEWIS E. JACKSON
D.D.S.
Instructor in Dentistry



FRANK E. RIANS
D.D.S.
Instructor in Dentistry



HARRY A. GALTON
D.D.S.
Instructor in Dentistry



GEORGE S. CALLAWAY
D.D.S.
Assoc. Prof. of Dentistry

Periodontia



HOUGHTON HOLLIDAY
A.B., D.D.S.
Professor of Dentistry

HAROLD J. LEONARD
D.D.S., A.B.
Professor of Dentistry

WILLIAM B. DUNNING
D.D.S.
Professor of Dentistry

ISADOR HIRSCHFELD
D.D.S.
Assoc. Prof. of Dentistry



Pedodontia



LEWIS R. STOWE
D.D.S.
Assoc. Prof. of Dentistry



EWING C. McBEATH
D.D.S., B.S., B.M., M.D.
Professor of Dentistry



SOLOMON N. ROSENSTEIN
B.S., D.D.S.
Assist. Prof. of Dentistry

Our Profession

WILLIAM B. DUNNING, D.D.S., Professor of Dentistry

Next to choosing a wife, the choice of a career, in times of peace, is usually the most important decision which confronts a young man. That is, if he is to have any choice. Some of us do what we must do, in this world, and every now and then Fate guides our steps in ways better than our knowing; nevertheless, assuming all else to be equal, a choice is desirable. Being a problem of the first moment, it holds an appealing interest for us all.

Why do men choose so variously? Because of infinite variations in birth, temperament, upbringing, tradition and environment. What is one man's meat is another man's poison. But certain broad lines may be drawn, in this matter of choice.

Perhaps it may be said in a general way that most men are suited to industrial or business life rather than the highly special callings known as professions. In the first, a sound elementary, high school and college education is desirable, but the requirements are by no means fixed, for many men who have achieved eminence in the commercial world began with scanty formal training. We must honor them for a native capacity to learn from the buffets of life. At fifty, such men are wise in large matters; they are active and useful citizens. Their working years have been spent in robust competition with business rivals, which on the whole is a healthy state for their communities and for themselves. They may cultivate many philanthropic interests, but the habit of a lifetime puts the building of a personal fortune as the first consideration.

The cast of mind which makes the professional man is different in many essentials, except for that common ground of open-mindedness and good sense which should govern all men. In the ancient and formal professions—pre-eminently medicine and the ministry—there is need not only for high intellectual and scholarly equipment but also for moral and spiritual qualities which must underlie character as do primitive waterways beneath a busy city. By this is meant only a shift in emphasis. No reflection is intended upon the idealism of the business man, but it is the life's work of the doctor to be concerned directly and intimately with the relief of suffering and the health and personal welfare of other human beings. Hence the outgiving, impersonal attitude is basic with the medical man; with him the earning of a living, while not forgotten, is of secondary concern, and is often, in the day's work, set aside.

In the dental division of the healing art, the grand essentials are the same. In New York State and in an increasing number of other States, the school, pre-dental and professional college years are the same as for the medical curriculum. While the two institutions are steadily growing nearer in a common purpose, the actual merging of dental with medical schools has not been found to be practicable because of the large amounts of time

which must be devoted to the technical training of a dentist. The general biological and medical background is developed as fully as may be consistent with the special requirements. Here lies a regrettable hiatus between the two schools, which time we hope will lessen or remove. Should the prevention of dental caries become an established procedure comparable to the prevention of typhoid or smallpox, then may we hope to abandon filling operations and thus release the time occupied by that group of exacting techniques.

While making due allowance, however, for the difficulties inherent to the growth of a new branch of medical science, let us consider what has been done and how we stand today as professional men. Prophecy, being both cheap and risky, is set aside in what I should like to say.

Dentistry, forty years ago, was taught and practised as an isolated profession. An academic picture of the human body and of the biologic processes was an undergraduate requirement; but that was left behind with college days. The practitioner went about the treatment of diseased teeth and their supporting tissues in accordance with a highly developed mechanical technique and an empirical and restricted system of therapy which reckoned only with local conditions, or with but slight regard for systemic implications. Such was the knowledge of the day. The familiar story of growth from that point of view to our present realization of what dental disease or health mean to the entire human organism need not be recited here.

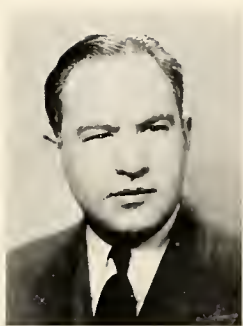
We now know that the competent dental practitioner must be a man of first-rate ability, who is trained in a wider diversity of knowledge and skills than the general medical man. His peculiar training makes him indeed a specialist; but in ways not required in the other medical specialties. He must have the digital skill of the surgeon, but the details of a foil filling or of reaming a root canal are more exacting and delicate than the work of the surgeon. He must have mechanical skill and a knowledge of engineering principles far beyond that of other specialists. He must be a creative artist, having an innate sense of esthetic principles—of color and form—a field quite remote from other medical work.

Since dental caries is reckoned the most prevalent of human ailments, and the crippling effect of diseased teeth or the loss of teeth is universally recognized and acknowledged; since but twenty-five percent of the people of the United States at present receive dental treatment—and this country is far ahead of all others in such service—the magnitude of the opportunity and responsibility placed in the hands of the dental graduate today are very great and very serious. We of this younger branch of the ancient art of healing have work of the first importance on our hands. Let us hope that a future historian will have good reason to place in the record the work of members of this, our graduating class of nineteen thirty-eight.



MOSES DIAMOND
D.D.S.
Assoc. Prof. of Dentistry

Dental Anatomy



JACOB ERDREICH
D.M.D.
Assist. in Dentistry



HERBERT D. AYERS, Jr.
A.B., D.D.S.
Assist. in Dentistry



CHARLES F. BODECKER
D.D.S.
Professor of Dentistry

Oral Histology



EDMUND APPLEBAUM
D.D.S.
Assist. Prof. of Dentistry

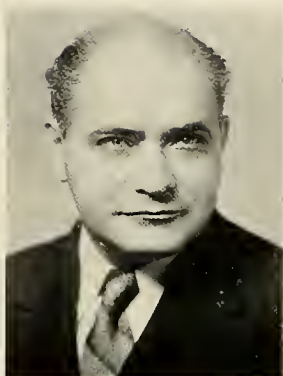


WILLIAM LEFKOWITZ
D.D.S.
Assistant in Dentistry



LESTER R. CAHN
D.D.S.
Assoc. Prof. of Dentistry

Oral Pathology



HENRY A. BARTELS
B.S., D.D.S.
Assist. Prof. of Dentistry



R. H. ALEXANDER
B.S., D.D.S.
Assistant in Dentistry

Radiology



EVALD LINDER
Technician



HOUGHTON HOLLIDAY
A.B., D.D.S.
Professor of Dentistry



HARRY H. MULHAUS
Technician

Looking Ahead

ALBIN R. SEIDEL, D.M.D., Instructor in Dentistry

To the average dental student, busy meeting the requirements of both theoretical and practical phases of the dental course, the future is far away. The pre-dental course of three years and the four years of dental school make graduation day seem almost an abstract goal. However, before most students realize, that great day is upon them, and they are not always prepared to meet the challenge. It is reasonable to assume that in order to make the later years easier, one must prepare to make himself more valuable and useful to his fellow man. The early years are those of work, preparation, and the accumulation of knowledge. They are the easiest years in which to make sacrifices. Outside interests and obligations have not developed and therefore are not present to disturb or distract him. There are present at this time the vigor and drive of youth plus the desire to learn, which are essential. My purpose is to emphasize the advantages gained by the student who serves an internship for at least one year. The best time to do this is the year following graduation. To many students the extra year would seem an impossibility but it is well worth any sacrifice of time or money.

A dental internship in a reputable hospital does something to the dental graduate that should give him an advantage over his former classmates. He attains a manner and understanding that is very apparent. His attitude changes during this period. He develops an approach, a faculty of observation, and a sense of responsibility. Otherwise, these could be acquired only through the hard knocks of many years of self-experience. I do not wish to create the impression that an internship is the panacea for all dental ills. Far from it. But the knowledge and experience which a dental graduate can accumulate in a year's time will not only be of great benefit in bringing about the alleviation of pain and suffering to his patients, but will also bring immeasurable satisfaction to him in knowing what he is doing and what his limitations are.

How many men graduating from dental school know when and how to make incision and establish drainage? How many know when a tooth should or should not be extracted in an acute inflammatory process? Sometimes it is very easy to answer these questions on paper, but when a patient seeking advice and service is sitting in the chair in your office, are you qualified to make the decision and perform the operation?

It is true that the principles and technic of dental surgery are taught in the dental courses, and with much emphasis. But they do not always register on the student unless he sees all of the varied conditions clinically. A great deal more time would have to be given this particular phase of dentistry, and, apparently, under the present curriculum this is an impossibility.

In my opinion there are two branches of dentistry in which the student has training only in the essentials, and they are dental surgery and orthodontics. The dental internship fills in the gap for dental surgery. It gives the interne the opportunity to develop the most important step in the treatment of dental disease, namely diagnosis. In arriving at a diagnosis he is impressed by the need of a case history, of clinical examination, and radiographic interpretation. He realizes the value of antisepsis, and the dangers of sepsis and infection, and the magnificent power of nature in bringing about a healing process. The dental interne learns to be cautious and considerate. He develops a real surgical sense in the handling of tissues in and about the mouth. He is taught the value of pre- and post-operative care. He has the opportunity to observe the effects of oral infection on general health in some of the medical cases he examines. These, with many other items of interest, widen the young dentist's concept of the practice of dentistry and make him a more valuable and useful servant of public welfare.

In looking ahead, especially in this day when planning for the future is much in vogue, students who wish to follow the road of successful dental practice will do well for themselves and their future patients by serving a year as an interne in a creditable institution.



Jurisprudence And Ethics



HENRY W. GILLETT
D.D.S.
Professor of Dentistry



WILLIAM B. DUNNING
D.D.S.
Professor of Dentistry

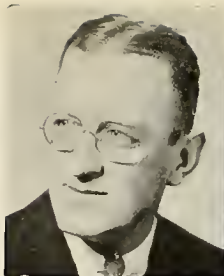
Prophylaxis



ANNA V. HUGHES
D.M.D.
Professor of Dentistry



KATHERINE F. HOLLIS
R.D.H.
Instructor in Dentistry



SAMUEL R. DETWILER
Ph.B., A.M.,
Ph.D., M.Sc.
Professor of Anatomy



PHILIP E. SMITH
B.S., M.S., Ph.D.
Professor of Anatomy



A. E. SEVERINGHAUS
B.S., A.M., Ph.D.
Assist. Prof. of Anatomy



R. LE G. CARPENTER
B.S., Ph.D.
Assist. Prof. of Anatomy



WILLIAM M. ROGERS
B.S., Ph.D.
Assist. Prof. of Anatomy



HARRY H. SHAPIRO
D.M.D.
Instructor in Anatomy



A. FIRESTONE
A.B., M.D.
Instructor in Anatomy



HENRY MILCH
A.B., M.D.
Instructor in Anatomy



ELIAS L. STERN
B.S., M.D.
Instructor in Anatomy



JULIUS K. LITTMAN
M.D.
Instructor in Anatomy

Medical

M. N. RICHTER
B.S., M.D.
Assist. Prof. of Pathology



D. H. ANDERSEN
A.B., M.D.
Instructor in Pathology



OLIVER S. STRONG
A.B., A.M., Ph.D.
Prof. of Neurology



ADOLPH ELWYN
B.S., A.M.
Assoc. Prof. of Neurology



RICHARD M. BRICKNER
B.S., M.D.
Assist. Prof. of Neurology



L. VOSBURGH LYONS
M.D.
Instructor in Neurology



CHARLES C. LIEB
A.B., M.D.

Hosack Prof. of Pharmacology



MELVILLE HUMBERT
A.B., B.S., D.D.S.



WALTER R. BEAVEN
D.D.S.



OLON N. BLACKBERG
D.V.M., B.S., Ph.D.

Faculty

JAMES W. JOBLING
M.D.
Professor of Pathology



FREDERICK P. GAY
A.B., M.D., Sc.D.

Professor of Bacteriology



THEODOR ROSEBURY
D.D.S.



GENEVIEVE FOLEY
A.B., A.M.



MAXWELL KARSHAN
B.S., A.M., Ph.D.
Assoc. Prof. of Biological
Chemistry



LEO J. HAHN
Ph.D., M.D.

Instructor in Physiology



WALTER F. DUGGAN
A.B., A.M., M.D.

Instructor in Physiology



LOUIS B. DOTTI
B.S., A.M.

Instructor in Physiology



HORATIO B. WILLIAMS
A.B., M.D., Sc.D.

Dalton Prof. of Physiology



ALEITA H. SCOTT
A.B., Ph.D.



ERNEST L. SCOTT
B.S., M.S., Ph.D.



BARRY G. KING
A.B., A.M., Ph.D.

Instructor in Physiology

Administrative And Clinical Staffs



M. FINNERAN



M. TSOURAS

MRS. E. TIMM



N. WALKER



V. PICHEL



M. MULHAUS



MRS. M. G. MCKENZIE
Assist. to the Dean



MRS. A. L. FITZGERALD
Secretary to the Dean

MRS. R. P. AMY



MRS. L. G. SEELIGMAN



V. PICHEL



M. MULHAUS



MORRIS SECHTER



ARTHUR N. CROSS
Technician

Administrative And Clinical Staffs



MADELINE E. DIGNUS MRS. E. RICHARDSON
Assist. to Registrar In Charge of Social Service

MRS. V. NADON



M. O'LEARY



J. BERMONT



MRS. F. MOORE



E. R. BOYD, R.N.
Anesthetist

M. F. LYNCH, R.N.



C. SCHULTZ



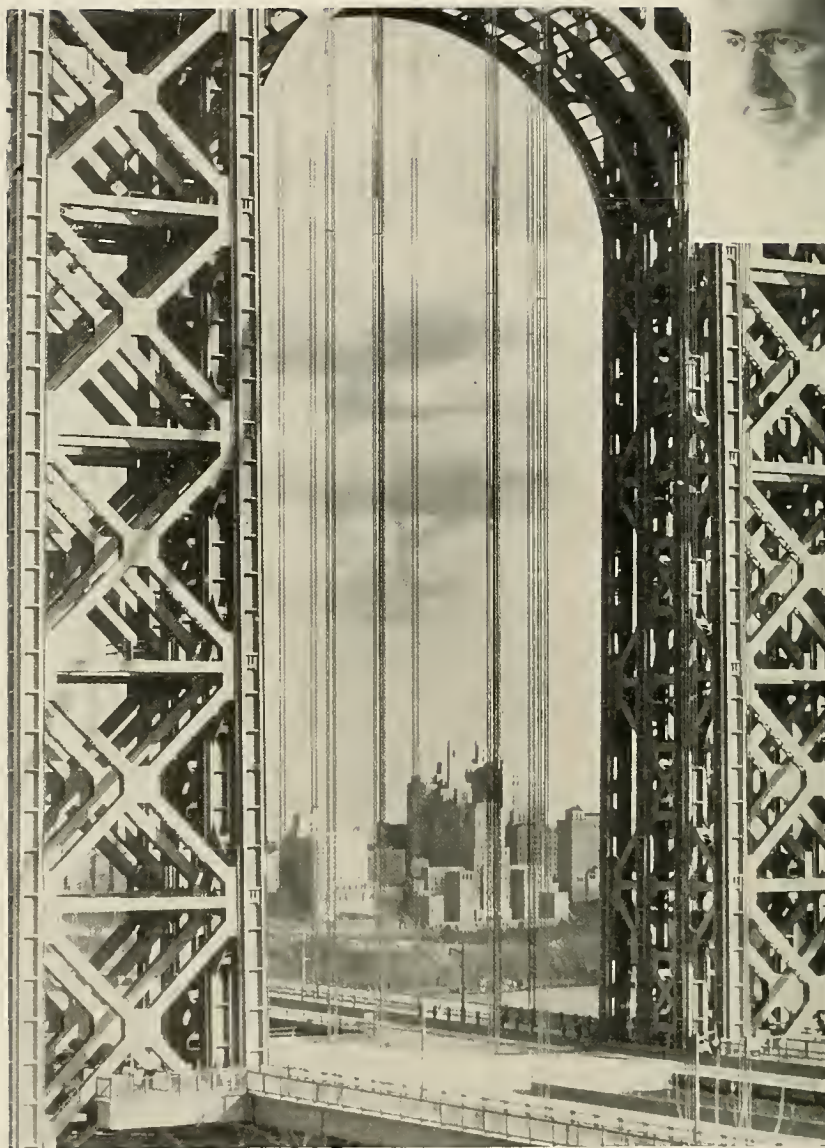
K. KAVANAGH



JOHN C. FREEMAN
Technician

ROBERT WRONG
Technician

A Tribute



To the high altruism of a mind that guided our footsteps safely through the early pitfalls of our Dental careers we must indeed be grateful.

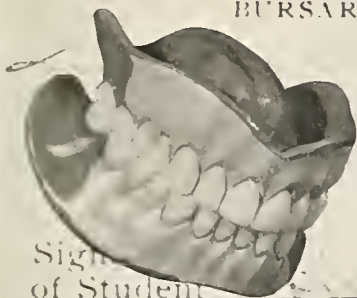
His lofty ideals, his unswerving purpose, and his everpresent kindness have earned for Dr. MOSES DIAMOND this just recognition by the students of the Class of 1938.

"Wise to resolve, and patient to perform . . ."

"Gentle of speech, beneficent of mind . . ."

Columbia University in the City of New York

BURSAR'S RECEIPT



No.

Signature
of Student

Do not print, write usual signature

University Fee

10.00

Tuition



Transferable



Total



CLASSES

Thirty-one

Senior



President Nathan M. Sheckman
 Vice-President Sidney L. Miller
 Sec.-Treasurer T. Holland Adam

We, the class of 1938, stand in review as the past four years are re-enacted.

First Year—Our debut as Freshmen is rudely interrupted by Cadavers. A few waves of Peristalsis, and lunch becomes something between the anatomy bench and a certain white-tiled room.

Histology divides us into sections but we soon become well organ-ized (what a system) and come out of the course with nothing worse than "Bell-hop's eye" from looking through a Microscope.

Prosthetics with the dental school fast becoming whitewashed and the boys plastered.

Ed. Malloy wakes up long enough to tell Dr. Diamond that BO cavities can be avoided by using Lifebuoy soap.

November with a dinner that starts as a Stag and ends as a dear . . . Dr. Stein hypnotizes Ed Bilderback (and forgets to bring him out).

The year is swiftly completed and our ranks are somewhat depleted.

Summer (here and some are not)

Second Year—The forty-niners return

only to have a nephritic kidney stare up at us in Pathology lab. The "Richter reflex" develops to such an extent that a tap on the shoulder throws Milt Neger and Bernie Linn into spasms excelled only by strychnine poisoning.

Bacteriology—Dr. Rosebury gives unknowns, and gets them back the same way (could it have been a Filterable Virus).

Dr. Hughes teaches us the Dental scale, and the chatter of nervous universals is heard throughout the clinic drowned out at times by the swoosh of blood.

Doctors Young, McKenzie, McLaughlin and Ralston explain at length that full uppers and lowers have nothing to do with Pullman trains, and that a plaster wash is not a screen star's bath.

Pharmacology—Vic Perrone tries Hartman's solution to forget it all (except Friday afternoons). We learn that one teaspoonful of Epsom salts will make even T. Holland Adam more active. Reiser asks Dr. Beaven what is good to keep the hair from falling out?

Dr. Hoyt asks us not to have Mr. Cross polish the bridge after the solder job. (and Dr. Smith says, "do it over"—cheerfully).

Senft is now haunting the school, and all reports have it that Nat Scheckman's father is a very good technician.

The days are getting warm and the Partial State Boards draw near.

Summer (passing some are failing)

Third Year—Our transition from theoretical students to practical ones is pleasant and brings many amusing incidents. Seelig turns the water on and off so



Class



Student Council Representatives

Samuel Kirschner, Alexander Seelig,
Leonard D. Stone, Cornelius J. McCloskey

many times that his patient remarks, "You certainly have to wind that thing a lot, don't you?"

Prosthetics with those fatal words—the bite is a little off. Sid Miller tries to buy a full upper and lower lateral excursion from Morris.

We learn that Orthodontics starts with the embryo and ends as a Post-graduate specialty.

Periodontia where we scale the heights, not to mention the depths, and do a few unlooked for extractions . . .

Operative turns out to be just one dam thing after another, and Dr. Oman remarks, "Give a Junior enough rope and he will lock himself out of the lingual." (Foiled again!)

Dr. Scheckman still does nice work. Summer (students and some are not)

Fourth Year—Full time clinicians and part time madmen. The clinic floor resembles a hive full of bees or a bee full of hives or—oh well! More hives . . . Practice of medicine and Children's dentistry. Jacobs doing submarine amalgams. Buchsbaum and his "Lumpy jaw." The class visits Letchworth Village and nearly loses all but one of its members (he wasn't acceptable). The social affair that finally arrived in February turned out to be one swell time.

Weinberg finds that a perforation can happen. Lennie Shapiro, the dark horse, with a nice big medal (ole hock shop will get me).

Winett argues about birth control with Dr. Leonard, and then looks worried.

Nat Scheckman at least takes care of the nurse without his Father's help.

We see the House articulator. Thompson and Wohlfarth spend two hours trying to get a station on it.

The "Woodpecker makes its appearance—a pneumatic foil plugger with more uses than the Indian Oil W. C. Fields sells.

Three black marks in the appointment book and you see the Dean, and from then on spend your time dodging Dr. Gillett.

One thing more never to be forgotten is Mackta under a derby.

Seriously, we believe our class has come a long way, and we are now ready to start our careers. We believe we have received the type of dental education that places us on a par with the medical profession, and we will do our best to meet the demands now being made upon the profession. We thank the faculty for what they have done for us and for what they will continue to do for dentistry.

E. J. B.





T. Holland Adam

A.B., Columbia College

Jarvie Society 3, 4; Dental Columbian Staff 3; Photography Editor, 1938 Dental Columbian; Class Secretary-Treasurer 4.

To earn the sincere friendship of one's classmates constitutes a great achievement in a man's career. In this respect "Holly" has been singularly successful. His unbridled tongue, rare humor, and priceless impersonations have endeared him to all. We wish you, "Holly," "les bonnes choses du monde."



Louis R. Aronowitz

B.S., M.A., Columbia University

Alpha Omega

Jarvie Society 3, 4.

"Ronny" is one of the few reserved and quietly efficient Seniors. We are thankful that there exist some men of this type who work hard without making a lot of commotion about it. His achievements at school can predict but one thing—success in the future.

the dental

Columbian



Edward J. Bilderback

B.S., Rutgers University
Psi Omega

Interfraternity Council 4; Dental
Columbian Staff 3, 4; Dental Re-
view Staff.

Coming to Columbia after four years at Rutgers, "Ed" studied earnestly and graduates well-liked by all his associates. His wise-cracks and general good humor were ever-present to brighten the atmosphere of the laboratory and the clinic. We wish "Ed" Godspeed in his future activities.



Herbert Birenbach

B.S., New York University
Alpha Omega

After some time of seeking for an inspiration, "Herb" realized his true vocation, hence his appearance as a Dental Freshman in 1934. In his short stay, he has made his presence felt by his cheeriness and good-fellowship. Good luck to you, "Herb."

the dental

Columbian



Edgar B. Biscow

B.S., New York University

Nature has created us all, but upon "Ed" she has bestowed more ambition. Having spent most of his time towards the realization of a fine Dental Education, he has not been an active man in extra-curricular activities. "Ed" leaves us with the good wishes of all who know him.



Raymond M. Brandstein

B.S., New York University

Alpha Omega

Possessed with the courage of his convictions, refreshing good humor, and a pleasing personality, "Ray's" unfailing willingness and faithful attitude have provided enjoyable moments for his intimates. Wherever he goes, we are certain, these traits will serve as a shining light on the road to success.

the dental

Columbian



Sidney L. Buchsbaum

A.B. City College

Jarvie Society 3, 4.

At first impression "Buchsby" gives us the picture of a carefree young man. His intimates know, however, that on sufficient occasions he can draw upon a natural reserve which strengthens them in their opinions of him. We leave him with sincere regards, for he has been a pleasant friend.



Nathaniel Diner

B.A., New York University

Yes, dear reader, the beaming countenance you recognize is none other than that of our own "Nat." Seriously, in the four years that we have been associated with him, "Nat" has proven to be a delightful companion, friend, and fellow-student. Good luck, "Nat."

the dental

Columbian



Henry W. Helbraun

B.S., Brooklyn College

Jarvie Society 3, 4.

To all observers, "Henry" is a quiet, yet purposeful, person. We have no cause to doubt the latter, but we are not so certain regarding the poetivity of the former. All who know him realize his worthiness. We hope that our parting is "au revoir," and not good-bye.



Aaron H. Jacobs

B.A., Yale University

Alpha Omega

Interfraternity Council 4.

What we admire in an individual is the consistent effort to gain a goal. After lengthy and persistent labor, "Jake" was elected Chancellor of his fraternity. Clear-headed, liberal, and sympathetic, we bid him a lingering adieu, for he has been a close and friendly associate.

the dental

Columbian



Michael I. Kalman

B.A., New York University
Alpha Omega

1938 Dental Columbian Staff.

Gifted with the ability to place one at his ease, "Mike" is the sort of a chap one enjoys meeting. Enhanced with the ability to combine scholastic interests with others, we do not doubt that his ambitions will be realized. We join with the remainder of his many friends in bidding him good luck.



Charles Kaplan

B.S., Brooklyn College

Jarvie Society 4.

Quiet and unassuming, "Charley's" real capabilities are recognized by all who have come in contact with him. Our hat comes off to one who has had the ambition and perseverance to complete the course in spite of many handicaps. His pleasant nature and high ideals will carry him far.

the dental

Columbian



Samuel Kirschner

B.A., New York University

Class Vice-President 2, 3; Student Council 4; Jarvie Society 4; 1938 Dental Columbian Staff.

Silence is always maintained by this member of our Class. Regardless of heat of argument, "Sam" will always remain silent. Those who have worked with him have had an enviable experience, for when he does break his silence, a definite settlement of the point in question may be expected. Bottoms up, old man!



Joseph A. Klein

Alpha Omega

Managing Editor Dental Review 3; Editor 4.

"Joe" succeeded in enriching his days at Dental School with his interest in writing. His editorial work has made him a more rounded man than most of us. A good student and a faithful friend, "Joe" leaves with the satisfaction of not only having made good, but also having many good friends.

the dental

Columbian



Harold Levy

B.S., Brooklyn College
1938 Dental Colombian Staff.

It has been said "appearances are deceiving." On first sight "Harold" would seem to be a quiet young man who did nothing but study. To those who know him, however, "Harold" is a cheerful, wise-cracking individual with a sense of humor all his own. We wish you all the success in the world!



Bernard F. Linn

A.B., Upsala College
Alpha Omega

A Jerseyite finishes his required course as Doctor of Dental Surgery. "Bernie's" zest for work, loquacity, and his striking personality have earned for him a position of merit in his society of friends. The world is yours for success, "Bernie;" good luck!

the dental

Columbian



Leo Mackta

B.S., Brooklyn College

Jarvie Society 3, 4.

In his four years here, although he has not gone out for activities, "Mack" has virtually "stuck to his knitting" as far as studies are concerned, as evidenced by the flock of good marks he has received. (Perhaps he has a wife who has first call on all his spare time.) May all your troubles be little ones.



Edward A. Malloy

B.S., Fordham University

Student Council 2, Secretary 3.

A forceful speaker, a hard worker, "Ed" is attaining the goal of his ambition. He will be remembered not only for his eloquence, but also for his outstanding and sharp opinions concerning many class activities. "Ed" has been an energetic, studious, and cheerful pal during the past years, and we know he will achieve success.

the dental

Columbian



Cornelius J. McCloskey

B.S., Fordham University

Class Vice-President 1; Vice-President Student Council 4; Advertising Manager 1938 Dental Columbian.

In dress, personality, and character, "Pete" is all that one can seek for in any individual. Etching with a finer tool than the pen, he has inscribed, upon all, memories more lasting than the pages of this book. Because of his steadiness and reliability, we predict that "Pete" will be one of the most successful of this year's graduates.



Sidney L. Miller

B.S., City College

Alpha Omega

Student Council 2, 3; Class Vice-President 4; Jarvie Society 3, 4; Interfraternity Council 4; Associate Editor 1937 Dental Columbian; Editor-in-Chief 1938 Dental Columbian.

"Still water runs deep," and thus beneath a docile and retiring exterior lies an ingenuity surrounded by a singularly attractive personality. His long list of activities indicate his versatility. His wide circle of acquaintances will attest to his proven merit as a gentleman, a scholar, and a true friend.

the dental

Columbian



Milton Neger

A.B., New York University

Assistant Business Manager, 1938
Dental Columbian.

We like "Milt," and who doesn't? His decorum assures us of an intelligence that needs no loudness to afford a means of recognition, while his geniality has won him many friends. After everything is written, we are forced to admit that "Milt" deserves, and will acquire, the fulfillment of his wishes.



Joseph G. Ornstein

A.B., Columbia College

Alpha Omega

1937 Dental Review Staff; Dental
Columbian Staff 3.

To strive for a worthwhile goal is deserving of praise. To attain that goal, in spite of considerable opposition, is an even greater accomplishment. Circumstances compelled "Joe" to stay out of school for one year. Yet he re-entered with the determination to reach his objective.

the dental

Columbian



Victor E. Perrone

B.A., New York University
Psi Omega

Interfraternity Council 4.

"Vic" is quite a problem to his friends. We can never tell whether he is a Dentist with mechanics as a hobby, or a mechanic with Dental interests. In all his undertakings "Vic" has shown a capability which should serve him well. His vast number of friends is justly due to his contagious good nature.



Harry G. Premisler

B.A., Vanderbilt University

You've all heard of the "Smiling Barefoot Boy." Well, he's not really barefoot, but he is smiling. Rumor has it that once "Harry" had a serious expression, but this has not been authenticated. Outside of his terrible habit of spreading cheer, he's a good friend, and well-liked. So—Good Luck—and just keep smiling.

the dental

Columbian



Isadore Quient

B.S., University of Arkansas

This is a most likable chap. While not having been conspicuous at school, he has always given us the impression that he has been enjoying life to the fullest, and that's something. His pleasant nature and ready smile will give "Izz" many a boost in the great struggle.



Irving A. Reiser

B.A., New York University

Sigma Epsilon Delta

Bensonhurst made its noble contribution in the person of "Irv" who derived his greatest pleasure from questioning the Professors in the middle of their lectures, thereby waking the class from its slumbers. Our best wishes, "Irv," go with you in your chosen field.

the dental

Columbian



Philip Richman

B.S. City College

"Phil" has been known to us for several years. In that time we haven't observed much change as regards personality; that, we hope, never changes. Never a delver into the intricacies of class politics, he is nevertheless, a familiar figure in the school. In his parting, we lose a friend and a class-mate.



Rufus L. Robinson, Jr.

A.B. Columbia College

Jarvie Society 3. Secretary 4.

A hard-working Dental graduate, "Rufe" is possessed of the qualities of a gentleman. To know him is to realize that there is more to "Rufe" than in the average student. His ideals have been crystallized in all his endeavors, and the keeping of them should lead him to further success in the profession to which he so ardently aspires.

the dental

Columbian



Milton Rosenwasser

A.B., Columbia College

Alpha Omega

One of the most important requisites of a gentleman is that he should be unselfishly interested in his friends. "Rosy" would do almost anything to aid someone he knows. Cheer and good camaraderie go with him. With such qualities, it is apparent that we shall miss "Rosy" in a way these few words so pitifully express.



Francis P. Scola

B. S., Fordham University

Class President 1.

Unsurpassed personality, clean sportsmanship, scholastic ability, and willingness to cooperate have placed "Frank" on a lofty peak. It is upon these laurels that he will travel on the road to success, and with him go our sincerest wishes for good fortune in his future career.

the dental

Columbian



Alexander Seelig

B.S., City College

Jarvie Society Vice-President 3,
President 4; Student Council 4.

To those who have had the good fortune to know this man intimately it will be immediately apparent that any eulogy in mere words would be grossly superficial. His is a nature which impresses itself indelibly upon his associates. "Al," we wish you a fitting enough record in the future to match that which you have created here.



Sheldon H. Senft

B.S., City College

Jarvie Society 4; 1938 Dental Co-
lumbian Staff.

Sheldon is one of those fellows who are always on hand with a cheerful remark. He has never been known to appear without his characteristic good humor. An energetic and aggressive student, he always has his work in on time and done well. The school will be losing a "good man" when Sheldon leaves.

the dental

Columbian



Kermit Shapiro

B.A., New York University

**Jarvie Society 4; Business Manager
1938 Dental Columbian.**

It was three years ago that "Kit" came to Columbia, and in those years he has won the respect and liking of those who have been associated with him. In that time he has successfully balanced studies against activities, with the result that even though his scholastic standing ranks among the highest, he has not neglected other phases of school life.



Leonard B. Shapiro

A.B., New York University

Some people persist in hiding their candles under a basket. "Len-nie" has so much under the surface that only his really close friends appreciate it. We must stand back and wonder what will happen when he finally casts off the basket. Envy-ing your associates in the future, and bidding you adieu, we close.

the dental

Columbian



Nathan M. Sheckman

B.S., City College

Class Secretary-Treasurer 1; Class President 2, 3, 4; Jarvie Society 3, 4.

Leadership is the result of the unselfish activities of a man who has the best qualities of gentlemanliness and enthusiastic fellowship. "Nat," by his sincere work in the management of class affairs, has achieved that leadership which justifies our describing him as one of the finest of the fine.



Leonard D. Stone

B.S., City College

Class Secretary-Treasurer 2, 3; Student Council President 4.

"Lennie" is a fine fellow with set ideas about most everything. His manner of speech is very convincing, and he is usually enthusiastic about those things or persons in whom he is interested. That he possesses all the qualities typifying a gentleman and a scholar is evidenced by the fact that he has been chosen to lead the Student Council.

the dental

Columbian



Irving C. Stower

B.S., City College

Jarvie Society 4.

"Irv," of pleasant smile and cheery greeting, is leaving school. His departure leaves a void that will not be filled. Although he is a fine and serious student, he is well-known by virtue of an affable nature. We wish him, with all expectations of fulfillment, all the best; for no one deserves more.



Joseph P. Spitaleri

B.S., St. Francis College

During his four years here, "Joe" has become a familiar figure at school. Although his social life is known only to a few intimates, our slight contacts enable us to judge what a really likable chap he is. We leave him with the certainty that he will fulfill all expected of him.

the dental

Columbian



Sidney Sulzberg

B.S., New York University
Sigma Epsilon Delta

When all is said and done, it is in the eyes of his close associates that one finds the best reflection of the abilities of a man. If so, "Sid" stands among the first. A good friend and classmate, we bid good-bye to him with feeling akin to sorrow.



Frank Sverdlin

B.S., Brooklyn College

Some four years ago, Frank came into our midst in a somewhat serious vein. Times may have changed, but not Frank. He has made his presence felt, and his studious methods will stand him in good stead in the days to come. So long, Frank.

the dental

Columbian



Alan L. Teitel

B.S., Alfred University

Although "Al" has not taken an active interest in extra-curricular activities, he is not unknown to those who have. His pseudo-seriousness has not fooled us, for those of us who are among his intimates realize he is to the contrary. To a true friend we bid farewell.



Herbert W. Thompson

A.B., Columbia College

To attempt to express adequately the whole-hearted gentlemanliness of "Herb" in a few words is an impossibility. Friendship with men like him makes college life more than the mere acquisition of an education. "Herb's" qualities are so perfectly blended with the individual as to make one harmonious whole that will be hard to forget after he leaves.

the dental

Columbian



Milton H. Turkoff

B.A., Yale University
Alpha Omega

"Milt" is a fellow well worth knowing. He believes in doing only a few things, but doing them well. His quiet, easy-going manner is a great asset which we all admire. Supported by a fine record, "Milt" is entering the Dental Profession. We stand by and applaud.



Irving Weinberg

B.A., Vanderbilt University
Alpha Omega

Student Council 3; Jarvie Society
3, 4.

At this point our task reaches one of its most enjoyable stages. "Irv," while working in our midst, and attaining positions of leadership, has impressed upon us one of those memories which, pleasing as it is now, will be infinitely precious with the passing of time. "Cheerio!"

the dental

Columbian



Sidney R. Winett

B.S., New York University
Sigma Epsilon Delta

When "Sid" leaves school, there will be two large vacancies in the undergraduate realm — an all-around pleasing personality and the loudest laugh. Always smiling and greeting his friends with a cheery nod, "Sid" has won his way into the hearts of all. Consequently, our farewell to him is of necessity a sad one.



William C. Wohlfarth, Jr.

Ph.B., Brown University

What we have to say of the chap above, although of no great length, is nevertheless, pleasantly concise. Industrious and unselfish, he has been a loyal member of the school. When society keys lie in bureau drawers almost forgotten, "Bill" will always be remembered for his disposition, friendship, and his wholesome smile for everybody. Farewell.

the dental

Columbian

A Day With The Seniors

The cock crows. Senft, the night watchman, rolls og his perch on the lab bench and greets the porters on their arrival.

8:15—Biscow runs to his locker, wraps his blowtorch around his neck where his tie should be, and is all set . . .

8:55—Holly takes the stump for the Republicans, and dishes out hilarious worms to the early birds.

9:00—One-third of the class is marked absent by Dr. McBeath.

9:25—Ed Malloy arrives—still on time for the second roll call—and no sooner is he seated than his eyelids become intimate.

9:35—Reiser explains his theory No. 749 amid thunderous applause(?). Soon after, Seelig asks a question. Weinberg looks knowingly at Stone . . . Stone looks knowingly at Weinberg . . .

9:45—Dr. McBeath asks Wohlfarth what a certain slide shows? Bill is speechless. "Chuckles" Winett rolls onto the floor . . .

9:55—Class Meeting . . . Everyone talks simultaneously. Teitel asks for a financial report . . . Thompson wants the answers to the State Board questions. President Sheckman replies with a well-known gesture. Dr. Stowe now rolls on the floor . . .

The Clinic floor . . . Sid Miller greets Mr. Cross with, "Howdy, son!" In accordance with the new rule of not waiting on line for an instructor, Richman asks Dr. Oman whether he may write his name on the pad. Dr. Oman replies, "I don't care where you write your name." Richy smiles for the second time in four years . . . Linn and Birenbach are for one without Class Ills. The revolution has come! . . . Brandstein solders his bridge. Brandstein unsolders his bridge. Brandstein again solders his bridge. Brandstein unsolders his bridge. (Fifty times, and is this punishment!) . . . Elsewhere in the Clinic, Kaplan implores Dr. Smith to leave him a piece of crown to do . . .

Lunch . . . Aronowitz keeps getting sour pickle with his cream cheese and jelly . . . Levy can't eat—too far behind in his requirements . . . Mackta too can't eat—enough. (Kalman gets wise and hides his lunch.) . . . Robinson relates Chapter XII of his story, starring his glider, motorcycle, air rifle, etc. Chapters XIII through LVII to follow in daily installments . . . Ornstein leaves early. The wash must go out! . . . Premisler dopes out a sure-fire football parlay—with the usual results of course . . . Over in the Cozy Corner, Rosie builds aces, Turk forgets how many tens are out, and Jake replies, "Down five," to, "How are you doing?" . . . Pete will back Fordham against anybody, including Japan . . .

Back to G for more punishment . . . Stower spends the afternoon humming, "Am I good," which ruffles the imperturbable Sulzberg no little. Result—Sid burns up—his crown . . . "Calamity Jane" Diner, to whom it also happened one night, exults all over the place, "You have to do it over?" . . . Bilderback makes a pun, another . . . Silent Sam Kirschner drops a lug rest and makes a lengthy speech, "Shucks!" . . . Helbraun, the musician with the dental hobby, is slowed down to a walk. He can only set up two cases and wax up four crowns all afternoon . . . Quient sends Fuffy to Mrs. Nadon for the crown stretchers . . . Spit gets two points—in basketball, not operative . . . Buchsbaum's prayers have been answered—a disappointment in Children's Dentistry . . . Sverdlin has an excellent technician in Dr. Ralston . . . Scola rushes to get the results of the 7th at Belmont, indicating the end of the day.

Well-tired out, the boys leave—all except the weasels—while Perrone remains behind to clean up in more ways than one.

H. L.



PresidentRobert I. Mason
Vice-PresidentIsrael N. Greenberg
Sec-Treas.James G. Cunningham

Student Council Representatives —
 George E. Mullen, Harry Quain, Milton
 Wechsler.

Junior Class

After two years of technique courses, biological and medical courses, we entered our Junior year. This may be described as a continuation of technical and biological studies manifested in their clinical application, and attempts at correlation of basic sciences with clinical problems.

We returned to these familiar portals in September prepared to do our best for dear old Dentistry, somewhat better prepared for our Junior year than were previous Junior classes. We had experienced clinical operative dentistry and knew the difficulties and joys of applying the rubber dam; to distinguish enamel from dentine was to us no difficult task . . . We knew what it was all about.

Clinical prosthetics was quite a new experience. We went to work on our first case equipped with a new House articulator and little knowledge of how to manipulate this formidable-looking and awe-inspiring gadget. We'd take a snap-impression . . . bring to Dr. . . . no good. Dr. . . would take the impression. Establish upper occlusal plane . . . show to Dr. . . .

Fifty-eight

no good. Modify upper occlusal plane . . . show to Dr. . . . no good. Dr. . . . would establish the occlusal plane. Then set-up teeth . . . bring to Dr. . . . no good. Dr. . . . would shift the set-up. Then there was that day on the clinic floor when we calmly and nonchalantly placed our first dentures into the patient's mouth and watched the patient leave the clinic with them still in place. The subsequent milling of our first full upper and lower on the House articulator was a breath-taking enterprise, memory of which will always be vivid . . . remember the crowd, gathered to watch the milling of Hamburg's dentures?

Surgery, Radiology, Diagnosis . . . asepsis, angulation, cavity plotting. We learn that there is more to these subjects than we find in books. Books and lectures are wrong and inadequate.

Our first trimester devoted considerable time to technique: Crown and Bridge, Orthodontics, Operative.

Memories of Crown and Bridge technique: Doctors Hoyt and McLaughlin, "Better hurry along boys . . . anterior bridge, posterior bridge, and Richmond crown must be in by the end of November." We followed their advice and had the master models ready two weeks en avance, despite the many repeatedly soldered bridges and Richmonds.

Will any of us forget our Orthodontics? Axelrod? Here! . . . Blinn? Here! . . . Bonime? Here! . . . Cunningham? Here . . . Wechsler? Present! . . . etc. Now what was the average biting strength of the members of the University of Minnesota football squad? Seriously, though, we take this opportunity to thank Dr. Waugh and staff for an interestingly presented and well-organized course.

In the second trimester some of us experienced clinical Crown and Bridge work . . . individual crowns.

We came in contact with Dr. Gillett, other than through being reprimanded for failing to note advance appointments, and we found him to be a "good egg." Remember the round wire clasp.

Periodontia . . . the problem of how to keep the toothbrush clean was discussed in detail . . . Dickenson and Dattner hang it on the outdoor clothes line . . . Dr. Dunning, will you check the lower incisors?

Highlights of social activity were our class dance in November at the Hotel New Yorker, and the School social affairs: the Testimonial Dinner to Dr. Gillett in December, and the February Formal Dance at the Midston House . . . truly enjoyable evenings for all.

Can Henry Ellison, our Don Juan, whose fame has spread throughout the area from 162nd to 170th Streets from Broadway to Riverside, find a girl for Vic Marcus so that he may attend class dances?

Our Junior Year draws to a close. The Senior year looms before us. Let's go!

S. B.



President Joseph M. Leavitt
Vice-President Richard G. Carson
Sec.-Treas. Jesse Ehrenhaus

Student Council Representatives —
 John Kanya
 Lester Entelis

Sophomore Class

The class slipped back into the harness easily, and no one felt self-conscious in his dental jacket. We learned, however, from Dr. Hughes that the jackets were supposed to be clean. Out of the vast store of experience gained in our Freshman year we misled the unwary newcomers. Next year they will have the opportunity to do likewise.

Prophylaxis was easy until the cheeks got in our way. "We're only letting out the bad blood—"

Bacteriology was a nightmare of little bugs that changed their shapes and characteristics with every check of our unknowns. Dr. Rosebury can name all of the unknowns without staining them, but he wouldn't tell us. Most of the class were vaccinated against Typhoid and now fear no liquid.

We found that we could mix plaster without bubbles. Dr. Young can set teeth better with a jackknife than we can with our entire kits. Will someone please explain the House articulator? "In the vulcanizer by Xmas,"

Sixty

was the cry, "but no weaseling." As the result of our much publicized and well-adhered to anti-weaseling agreement most of the class will finish their full denture cases during the summer.

Dr. Kesten has a smile that lulled our embryo pathologists to a false sense of security, and then he sprang unpredictable questions on them. If they could project the slides with the lights on, some of the boys might remain awake to see them. "I'm only 40 writeups behind—"

If we plug gold foils in the mouth like we did in technic there will be an epidemic of broken jaws. Also remember that you can't stand a patient on his head. Most of our delicate gold foils required hawsers rather than ropes with which to plug them. Can anyone make the proximal of a Class II stick if he uses non-cohesive foil? Everyone prefers to do amalgams because of its "ease of manipulation," but you can't burnish over a margin.

Dean Holliday gave us our first "real insight" into Dentistry with his course in Radiology. Demosthenes was tongue-tied compared to some of our own orators.

How many words a minute can you write in longhand? We found out in Pharmacology lectures. "We can get it for you wholesale, and save the school money." Everyone had a special inside pocket sewed into his coat to carry the "A.D.R."

We never knew that so many people could disagree on the same point until we took Oral Hygiene.

But all of the boys paid strict attention to Dr. Crawford in Dental Materials, anticipating the selection of a topic for their Senior theses.

Why aren't all the amphitheaters as comfortable as the one in Psychiatry? "Who's a pervert?"

Our No. 7's will never get a rest, especially now with Crown and Bridge coming on.

"All work and no play"—but we found time on several occasions to trip the light fantastic. The Sophomore-Freshman formal at the Governor Clinton was the anti-climax to the first trimester. Everyone who attended the Jarvie testimonial dinner to Dr. Gillett spent an enjoyable and inspiring evening. The Alumni Day dance at the Midston House was a huge success.

The true merits of the Sophomores were recognized and attested to by their election to fraternity offices, which they well nigh swept.

After surviving this year we are eager to have them turn us loose in the infirmary next year, and we hope to acquire the necessary professional dignity over the summer.

W. S. G.
M. C. W.



President Bertram Klatskin

Vice-President Irving G. Weinberg



Freshman

The class of '41 started the year with amazing enthusiasm and confidence. Awed by the magnitude of the Medical Center? Yes. Chilled at first by the gruesomeness of the cadavers in Anatomy? Yes! (But with what fiendish glee the boys later attacked these bodies and their appendages.) Dazed by the overwhelming amount of material in General Histology? Yes indeed!! (Dave Berman, gentleman boxer and world traveler, still believes that Meissner's plexus is a weak spot where pugilists try to hit their opponents.) Confused by the novel terminology in Oral Anatomy? Definitely!!! Amused by class comedian Morris's clever bulletins on Gottlieb's lecture tour across the continent? Very definitely!!!! But realizing that conscientious work has its satisfying rewards the class ploughed through the first trimester and emerged a bit shaken but victorious.

Physiology lectures then began to whizz by fast and furiously, and the first exam mowed the boys down completely. Recovery was painful, but our class possesses an indomitable spirit. Incidentally, the boys of Jack Klatsky's table in Physiology lab will not soon forget how an annoyed cat put something over on them. Silverstein—our class artist—thought he could draw—until he took Oral Histology. The drawings to be made for this course require the infinite patience of an information bureau agent and the painstaking care and artistry of a Michaelangelo. Concerning Biochemistry, the class is contemplating an award for Saul Axenroad, the epitome of the true Southern gentry, who actually carries out all the experiments in lab.

Neuroanatomy is a fascinating course but often confusing, as witness Norman Dimond who now is of the impression that the *Substantia gelatinosa* of Rolando is one of the six delicious flavors advertised on Jack Benny's radio program.

But of all our courses, Prosthetics was welcomed most because it

Sixty-two



Class

Sec.-Treas. ... Laurence E. Dougherty

Student Council Rep. ...Selig Finkelstein

introduced us to actual dental work and technique. The promptness with which the class attends the laboratory periods is an evidence of the enthusiasm of the students for this course. In fact, some boys go to the lab even before time. (Ah! Weazeling again!)

Despite the enormous amount of school work, our class managed to run two beer parties which were well attended. Some of the boys imbibed too freely of the foaming elixir, but still live to tell the tales they heard. In conjunction with the sophomores, a dinner-dance was held at the Clinton Grill which turned out to be a small but congenial affair. Future social activities are eagerly anticipated.

A small but sweet smelling bouquet to our class for its unity and cooperation. Little groups and coteries that form because of fraternities, personal likes and dislikes, etc., invariably arise in any student group; yet as a class the Freshmen have banded together in the friendliest fashion and in a spirit of true brotherhood.

Our indebtedness to the faculty and upper classmen is infinite. Often when all seemed lost, when work piled up and technical terms and definitions became a Babylonian jargon, they have calmed our troubled minds and skillfully guided us. Work is a joy if that work be made purposeful and pleasureable; and in this respect our elders have done their best to stimulate us to higher achievements. Let us hope that we shall not fail them.

This year marks the first step we have taken to educate ourselves in one of the healing arts. Let us always keep in mind the fact that the primary purpose of our profession is to maintain and improve human health. So many of us are prone to think only in terms of personal gratification.

U. E.

Sixty-three







The Dental Columbian

Editorial Staff

Editor-in-Chief Sidney L. Miller, '38

Associate Editor Simeon Blinn, '39

Assistants

Edward J. Bilderback, '38

Michael I. Kalman, '38

Samuel Kirschner, '38

Harold Levy, '38

Sheldon H. Senft, '38

Sophomore Representatives

Morton C. Weinrib, 40

Morton C. Weinrib, '40

Freshman Representative

Ulysses Erdreich, '41

Business Staff

Business Manager Kermit Shapiro, '38

Advertising Manager Cornelius J. McCloskey, '38

Assistant Milton Neger, '38

Photography & Art

Editor—T. Holland Adam, '38

Assistants—Charles M. Chayes, 40

Robert Reiss, '40

Oral Hygiene

Margaret Costello

Florence Lerner

Esther Fattori

Faculty Adviser

Dr. Solomon N. Rosenstein



The Student Council

President	Leonard D. Stone, '38
Vice-President	Cornelius J. McCloskey, '38
Secretary	George E. Mullen, '39

SENIORS

Nathan M. Sheckman
Alexander Sellig
Samuel Kirschner

JUNIORS

Robert I. Mason
Harry Quain
Milton Wechsler

SOPHOMORES

Joseph M. Leavitt
John Kanya
Lester Entelis

FRESHMEN

Bertram Klatskin
Selig Finkelstein

FACULTY MEMBERS

Henry W. Gillette, D.M.D. Donald J. W. McLaughlin, D.D.S.

The Student Council of the School of Dental and Oral Surgery, which was organized to establish a closer bond of understanding between the faculty and the student body, has now completed its eleventh year. The council, composed of fourteen students and two faculty members, also permits for student expression on school matters.

Of the policies initiated this year, one stands out in importance. This was the all school formal dance, held in conjunction with the alumnus body on February 12 at the Midston House. Its great social and financial success argues for its continuance as an annual function.

The council owes a vote of thanks to Dr. Gillette and Dr. McLaughlin for their promotion of closer ties of professional understanding between the faculty and the student body, and for the invaluable aid willingly given in their advisory capacity.



The Dental Review

BOARD OF EDITORS

Joseph A. Klein, '38, Editor

Assistant Editors

Milton Wechsler, '39

Henry Ellison, '39

Contributors

T. Holland Adam, '38

Arthur D. Kafka, '40

Morton H. Scheier, '39

Chester S. Kupperman, '40

William Kaplan, '39

Joseph M. Leavitt, '40

T. Katz, '39

Ulysses Erdreich, '41

William S. Grauer, '40

Melvin Morris, '41

Managing Board

Ewing C. McBeath, D.D.S., M.D., Faculty

Dr. John J. Mayers, '32, Business

Dr. George Hillman, '37, Alumni



Interfraternity Council

MEMBERS

Alpha Omega: Aaron Jacobs, Matthew Wartel, Sidney L. Miller.

Psi Omega: George E. Mullen, Edward J. Bilderback, Victor E. Perrone.

Sigma Epsilon Delta: Leon Singer, Sidney Sulzberg.

The Interfraternity Council, whose duty is to govern the various fraternities and to stimulate friendly cooperation amongst them, held its annual meeting on October 8, 1937 under the able supervision of Dr. McLaughlin. Each of the three fraternities, Sigma Epsilon Delta, Psi Omega, and Alpha Omega, was represented by two men.

At this meeting mutual plans were drawn up for the membership drives of the three representative fraternities. The constitution was also brought up for discussion and some important changes were made to the satisfaction of all concerned.

It is the hope of the Council that the work done by them will continue to foster the amicable relationship already existing among the three fraternities.



The Jarvie Society

President Alexander Seelig, '38
Vice-President Victor Marcus, '39
Secretary-Treasurer Rufus L. Robinson, Jr., '38

Seniors

T. Holland Adam
 Louis R. Aronowitz
 Sidney L. Buchsbaum
 Henry W. Helbraun
 Charles Kaplan
 Samuel Kirschner
 Leo Mackta
 Sidney L. Miller
 Sheldon H. Senft
 Kermit Shapiro
 Nathan M. Scheckman
 Irving C. Stower
 Irving Weinberg

Juniors

Joseph A. Cuttita
 Israel N. Greenberg
 Louis Hyman
 Elias Kogan
 Robert I. Mason
 Harry Quain
 Seymour A. Roth
 Isadore N. Samuels
 Samuel Scheck

Sophomores

Mortimer Alexander
 Albert R. Buckelew
 Gerard L. Courtade
 Irwin F. Stang
 Morton C. Weinrib

At a preliminary conference held December 16th, 1920, Dr. William J. Gies, Chairman of the Committee on Dental Research, discussed with the seven undergraduates of the Columbia School of Dentistry the desirability of organizing a society "of students, teachers and benefactors" for the promotion of research. Dr. Gies suggested that the proposed society be given the name of Dr. William Jarvie whose important contributions to the establishment of the School and to the improvement of the profession were highly regarded. The permanent organization of the Society was completed March 17th, 1921. Joseph Schroff, M.D., the only senior student of the School, occupied the chair as the first president of the organization.

At the first meeting of the Society for the academic year 1937-8, following a brief talk by Dr. Daniel Ziskin, temporary faculty adviser, it was conceded that the Society had outlived its original purpose—particularly because the present scope of the undergraduate curriculum precludes any extensive accomplishments in research—and that some consideration might well be given to justify its continued existence. As a result of this discussion, the policy of the Society was altered to provide for a series of lectures of an informal type, to be given by various members of the faculty, dealing with practical or research problems in their particular field.

Since the adoption of this plan the Jarvie Society has held a number of meetings of the lecture-discussion type, and has been addressed by Dr. Houghton Holliday on the need for increased scientific background in dental education. Dr. Harold J. Leonard spoke on "Narrative Diagnosis," a novel form of practice administration; Dr. C. F. Bodecker discussed and illustrated his theory of the dental lymphatic circulation; Dr. Carl R. Oman lectured on gold foil in its application to practice; and the remainder of the year will provide for several other instructive gatherings of a similar nature.

The outstanding event of the year was the Gillett Testimonial Dinner held December 17th, 1937 at the Forrest Hotel. Conducted under the sponsorship of the Jarvie Society, the dinner provided the undergraduates and faculty of the School, past and present, with the opportunity of honoring one of their oldest and most distinguished colleagues, Dr. Henry W. Gillett.

Following the resignation of Dr. Ziskin, the Society was fortunate in securing the valuable assistance of Dr. Schroff, its first president, in outlining and selecting its plans for the future.

The Jarvie members of the graduating class feel that they have been singularly honored by their association, that they have profited thereby, and finally that the students who succeed them will never regret whatever energies they may expend upon the perpetuation of the Society.

R. L. R.





FRATERNITIES

Omicron Kappa Upsilon

OFFICERS 1937-'38

President	Dr. L. M. Waugh
Vice-President ..	Dr. E. C. McBeath
Secretary-Treasurer	Dr. I. L. Hunt Jr.

Omicron Kappa Upsilon is the national honorary fraternity of the dental profession. Its purpose is the advancement of dental science and art. To this end it endeavors to stimulate scholarship among students in the dental schools, and to encourage, among graduates, participation in those activities calculated to advance the profession—in scientific research, education, journalism, and organizational activities. Election to membership in the fraternity is an award that acknowledges achievement in one or more of these fields.

The charter of Epsilon Epsilon Chapter was granted by the Supreme Chapter under date of March 9, 1934, to the following professors of Columbia University:

Adolph Berger	Milo Hellman
Charles F. Bodecker	Anna V. Hughes
Henry S. Dunning	Harold J. Leonard
William B. Dunning	Arthur T. Rowe *
Leroy L. Hartman	Leuman M. Waugh

* deceased

Formal organization of the chapter dates from May 16, 1934, with the election of Dr. William B. Dunning as first president.

Each year, following the final examinations, the chapter selects from among the graduating class a group whose scholastic record and other qualifications mark them as outstanding students during their four years in dental school. These seniors are inducted to membership at the annual convocation, held just prior to commencement.

At the fourth annual convocation, held on the evening of May 26th, 1937, the following were welcomed to membership:

As active members from the faculty:

Seventy-four

Dr. Melville Humbert, Dr. M. D. McKenzie.

As alumni members from the class of 1937:

Sol Ewen, Alexander F. Gorski, Arthur H. Wald,
Edward V. Zegarelli.

Prior to the convocation ceremonies, a banquet is held which is attended by the full membership of the chapter, active and alumni, and hence serves as an annual reunion of a group with common ties of background and achievement. Following the banquet and convocation, a scientific session is presented. The presentation at the last meeting was an essay by Dr. William K. Gregory, Professor of Vertebrate Paleontology in Columbia University, and Curator of the Departments of Comparative and Human Anatomy and Ichthyology, American Museum of Natural History. The title of Dr. Gregory's essay was "Origin of the Human Dentition: Present Status of the Problem", a presentation based on joint research by himself and Dr. Milo Hellman, Professor of Dentistry in Columbia University and Research Associate in Physical Anthropology, American Museum of Natural History. Dr. Hellman, a charter member of Epsilon Epsilon Chapter, discussed the paper and presented a series of slides and specimens to augment the essay.

The chapter will honor a group from the class of 1938. Who they will be cannot be known as this book goes to press, since eligibility comes after the final senior examinations are concluded. Their names will be recorded in the next issue of the "Dental Columbian."

As a furtherance of the purpose of the fraternity to encourage professional achievement after graduation, the chapter, from time to time honors, by election to membership, alumni of Columbia University who distinguish themselves in the profession. In this way the fraternity encourages the young graduate to realize that graduation is the beginning of a new field of endeavor where the application of principles learned in school, tempered by maturity and experience, will advance the cause of dental conservation, and bring honor to the profession and the practitioner. The fraternity looks forward to the time when it may honor many of the class of 1938 who shall distinguish themselves in practice, teaching, organization, and research.





Sigma Epsilon Delta Gamma

Master Irwin F. Stang, '40
Vice-Chancellor William O. Strickler, '40
Secretary Sol L. Fliegel, '40
Treasurer Arnold W. Harrison, '40
Librarian Irwin Reznick, '40

Class of '38
 Irving Reiser
 Sidney Sulzberg
 Sidney Winett
Class of '39
 William Kaplan
 Theodore Katz
 Leon Singer

Class of '40
 Lester Entelis
 Irving Feinstein
 Isador C. Mandel

Class of '41
 Leonard E. Koenig
 Raymond Levao
 Sidney Melnick
 Irving J. Naidorf
 Philip Silverstein
 Raymond D. Wolf
 Albert H. Weisenfeld

Pledgees

Elmer Getter

Irving Kittay

Bertram E. Bromberg

The Gamma Chapter of Sigma Epsilon Delta can look back at the past year, with a feeling of pride and joy, as one of the most successful in its long and colorful history.

With the capable assistance of Dr. Beshany, our deputy from the graduate chapter, our new and enlarged quarters at 610 West 164th Street, were tastefully decorated and refurnished.

Through the sincere cooperation of all our members the house soon became the scene of a variety of activities which completely fulfilled all the ideals of professional fraternity life.

Weekly lectures were supplemented by moving pictures, slides, and demonstrations. Such prominent men as Dr. A. L. Greenfield, Dr. Leonard Kohn, Dr. Irving Salmon, and Dr. Armand M. Oppenheimer contributed much to our ever-increasing range of dental knowledge. We were particularly happy to note the great number of our classmates at these gatherings. This is true fraternity life—for isolation means loss of good fellowship.

It is indeed an honor for the undergraduate to attend the monthly graduate meetings and meet the many fraters who have already achieved distinction in the various fields of dentistry.

The weekly pledgee meetings, which are attended by the upper classmen, are very important functions of the fraternity. For it is here that the problems of the lower classmen are thrashed out, and many an harassed neophyte is given the necessary advice and encouragement which will aid him in his school work.

Socials are held throughout the year and they do much to relieve the strain of the school term.

It is fraternity life as such, that helps plant the seeds of human friendship, and which brings much satisfaction with the swift passing of the years.

Our fraternity has come a long way from its small beginning thirty-three years ago at the New York College of Dentistry. At the present time, there are undergraduate chapters at New York University, University of Pennsylvania, Temple University and Maryland University. The graduate chapters are located in New York, New Jersey, Philadelphia, and Maryland.

To the Seniors who are about to depart, we salute you!

T. K.



Psi Omega Gamma Lambda

Grand Master	George E. Mullen, '39
Junior Grand Master and Secretary	Victor E. Perrone, '38
Treasurer	John A. Esposito, '40
Editor	Albert R. Buckelew, '40

PLEDGEES

Edward J. Bilderback, '38	Armand R. Capuoso, '41
Thomas P. Geraghty, '40	Walter J. Jagowzinski, '41
Silvio A. DelRey, '40	Gerard W. Marchand, '40
Gerard L. Courtade, '40	Walter G. Spengemann, '41
James G. Clune, '40	Wesley R. Bert, '41
Lawrence Dougherty, '41	Salvatore P. Gulli, '41
Martin I. Smith, '40	

Psi Omega is one of the largest of all dental and professional fraternities. An international, Christian fraternity, it has over nineteen thousand members and thirty-six active chapters. The first chapter was organized in 1892 at the Baltimore College of Dental Surgery.

Its foremost objectives are the advancement of the dental profession and the affording of inspiration, assistance, and benefits to the individual member, through fellowship and planned educational programs. Paramount among the advantages of membership in the organization is the privilege of hearing informative and interesting addresses by prominent men, many of them former active members successful in the various fields of practice or instruction.

During the past year the members of Gamma Lambda were fortunate in securing some very eminent men as speakers, among them being Dr. Henry W. Gillet, and Dr. Henry Sage Dunning. In connection with some of the addresses there were interesting exhibits and illustrative slides and other educational features. Such meetings were held twice a month.

A number of social affairs, to most of which members of the faculty were invited, were held during the year. Such personal contacts with the instructors, which help the students to better know them and understand their viewpoints, are highlights in one's dental education.

There were several dinners and meetings held in conjunction with the alumni chapters of the fraternity. Thus, both before and after graduation, contacts with men whose experience and insight might well be considered indispensable to the young professional man are made available to the members.

Very important among the benefits to be derived from membership in this Fraternity are the opportunities to make warm friendships, the inspiration of being a part of an organization whose aims are high and far-reaching, and the periods of enjoyment and relaxation afforded by the various functions.

After graduation the friendships made while in dental school may be perpetuated in the alumni chapters of Psi Omega. When a dentist is a Psi Omegan he is more apt to keep up with the advances in his profession and be more interested in it because of the broadened horizons opened to him.

All of the activities of Gamma Lambda during the past year have been admirably and unselfishly guided by Grand Master George E. Mullen, whose efforts are heartily appreciated by his brothers. The members also thank the two graduating Seniors, Victor E. Perrone and Edward J. Bilderback, for their loyal services, and wish them useful and successful careers.

A. R. B.

Seventy-nine



Alpha Omega Eta

Chancellor	Joseph M. Leavitt, '40
Vice-Chancellor	Murray Peiser, 39
Quaestor	Joseph Wetrogan, '40
Scribe	William S. Grauer, '40
Historian	Simeon Blinn, '39
Praetor	Dr. Henry Fink,

1938

Louis R. Aronowitz
Raymond Brandstein
Michael I. Kalman
Bernard F. Linn
Herbert Birenbach
Aaron H. Jacobs
Joseph A. Klein
Sidney L. Miller
Joseph G. Ornstein
Milton Rosenwasser
Milton N. Turkoff
Irving Weinberg

1939

Carl Dunn
Henry Ellison
Israel Greenberg
Elias Kogan
Louis Kunin
Louis Hyman
Victor Marcus
Harry Quain
Milton Rothstein
Lester Saroff
Milton Wechsler
Matthew Wartel

Jack Wilson
Norman Lefkowitz
Isidore Samuels
Harold Dattner

1940

Charles M. Chayes
Arthur Kafka
Chester Kupperman
Marvin Rabbin
Morton C. Weinrib

PLEDGEES

1940

Al Weiss
Robert Reiss
Jesse Ehrenhaus

1941

David Berman Jack Klatsky
Ulysses Erdreich Melvin Morris
Bertram Klatskin Maurice Loewenstein

Alpha Omega, founded in 1907, is a national dental fraternity with thirty undergraduate chapters and nineteen organized alumni groups in the United States and Canada.

Our purpose is threefold: to encourage scholasticism, fraternalism, and professionalism. During the past year and for many past years we have been successfully striving to fulfill our purpose.

By scholasticism we refer to studies and scholastic activities; the search for knowledge, high scholastic achievement. Along this line we stimulate hunger for more schooling. Our procedure throughout this year has been to hold weekly meetings and to alternate "business meetings" with "discussion meetings." Round table discussions pertaining to subjects of either general or specific dental interest are an integral part of chapter procedure. During this past year several men prominent in their fields have visited us and presented lectures and demonstrations.

In fraternalism we refer to congenial association of fraters. Bonds of friendship are strongly cemented by close association of our members. Many of us remember the midnight sessions before examinations, the



house parties, the formal and informal dances, the dinners. During this past year we remember vividly the New Year's Eve party, dinner to Pledgees at Bonat's, the Initiation Dinner, and the formal dance at the Hotel Pennsylvania. Some of us have found it quite convenient to make use temporarily of the Alpha Omega emergency loan fund which, by the way, is for the use of all undergraduate students. This fund was started last year by the New York Alumni Club of Alpha Omega for the use of all undergraduate students, the eventual object being to convert it into a scholarship fund.

Professionalism is fostered through association with the profession. There is some considerable association between undergraduates and graduates. . . . our chapter and the New York Alumni Club. During this past year many of us have attended meetings, discussions, and clinics held by the Alumni group; a means for further stimulation of professionalism and dentistry.

As we are about to close another school year, let us pay tribute to our seniors, Lou Aronowitz, Ray Brandstein, Irv Weinberg, Bernie Linn, Mike Kalman, Herb Birenbach, Sid Miller, Joe Ornstein, Milt Turkoff, Joe Klein, Milt Rosenwasser, and Aaron Jacobs, and wish them well.



Senior Class Roster

T. Holland Adam	501 W. 110th Street
Louis R. Aronowitz	1548—45th Street, Brooklyn
Edward J. Bilderback	104 Atlantic Street, Keyport, N. J.
Herbert Birenbach	875 West End Avenue
Edgar B. Biscow	375 Riverside Drive
Raymond M. Brandstein	2593 Sedgwick Avenue
Sidney L. Buchsbaum	400 Fort Washington Avenue
Nathaniel Diner	1242 Elder Avenue, Bronx
Henry W. Helbraun	311 Utica Avenue, Brooklyn
Aaron H. Jacobs	706 Main Street, Ansonia, Conn.
Michael I. Kalman	5501—15th Avenue, Brooklyn
Charles Kaplan	304 Hinsdale Street, Brooklyn
Samuel Kirschner	1726 Davidson Avenue, Bronx
Joseph A. Klein	30-16—41 Street, Astoria, L. I.
Harold Levy	133 Ellery Street, Brooklyn
Bernard F. Linn	182 Hillside Avenue, Newark, N. J.
Leo Mackta	1871 Flatbush Avenue, Brooklyn
Edward A. Malloy	3165 Decatur Avenue, Bronx
Cornelius J. McCloskey	1468 E. 13th Street, Brooklyn
Sidney L. Miller	4218—13th Avenue, Brooklyn
Milton Neger	51 Seymour Avenue, Newark, N. J.
Joseph G. Ornstein	1870 E. 27th Street, Brooklyn
Victor E. Perrone	40-10—50 Avenue, L. I. C.
Harry G. Premisler	1493 Remsen Avenue, Brooklyn
Irving A. Reiser	112 E. 96th Street, Brooklyn
Philip Richman	201 S. 2nd Street, Brooklyn
Rufus L. Robinson, Jr.	24 Brown Avenue, Rye, N. Y.
Milton Rosenwasser	7 Highland Place, Yonkers, N. Y.
Isadore Quient	7 Front Street, Rockville Centre, L. I.
Francis P. Scola	211 S. 2nd Avenue, Mt. Vernon, N. Y.
Alexander Seelig	35 E. 176th Street, Bronx
Sheldon H. Senft	871 Fox Street, Bronx
Kermit Shapiro	305 E. 3rd Street, Brooklyn
Leonard B. Shapiro	1667 Grand Avenue, Bronx
Nathan M. Sheckman	23 Haven Avenue
Joseph P. Spitaleri	234 E. 14th Street
Leonard D. Stone	715 W. 175th Street
Irving C. Stower	2851 Valentine Avenue, Bronx
Sidney Sulzberg	600 E. 141st Street
Frank Sverdlin	981 Sutter Avenue, Brooklyn
Alan L. Teitel	52 Arden Street
Herbert W. Thompson	42 Underhill Avenue, Tuckahoe, N. Y.
Milton H. Turkoff	127 Beaver Street, Ansonia, Conn.
Irving Weinberg	9601 Farragut Road, Brooklyn
Sidney R. Winett	1218 Colgate Avenue, Bronx
William C. Wohlfarth, Jr.	11 Brooklands, Bronxville, N. Y.



ORAL HYGIENE



ANNA V. HUGHES
D.M.D.
Professor of Dentistry



JOSEPHINE E. LUHAN
D.D.S.
Asst. Prof. of Dentistry



KATHERINE F. HOLLIS
R.D.H.
Instructor in Dentistry



GENEVA H. WALLS
R.D.H.
Instructor in Dentistry



ELEANOR E. OVERBECK
A.B.
Secretary

Oral Hygiene

ANNA V. HUGHES, D.M.D., Professor of Dentistry

The last few years have been characterized by the development of a deeper social consciousness due in large measure to the economic depression which greatly intensified the urgency of the needs of the masses of the people and consequently brought these needs more forcibly to the attention of all. Emphasis is therefore now being placed, in steadily increasing degrees, on duties and obligations to the many rather than on rights and privileges for the few. We are proud again this year to graduate a group of students trained and equipped to take up a profession completely in harmony with this humane outlook on life.

The idea is not new to Oral Hygiene. Its founders planned the movement with this very object in view and mapped out its development so that the benefits which it was believed would result from this new field of endeavor would be enjoyed by all and not restricted to the fortunate few. To carry out this aim those in charge of directing the work have concentrated on so training the students and placing the graduates that they will come in contact with and be useful to the greatest possible variety of groups of people.

Hygienists were originally encouraged to undertake school work for a double purpose: first, in order to do the preventive work which is possible only in that particular field; and, second, because there they could handle the maximum number of patients and through those patients could reach a broad section of the community. Then, too, graduates were urged to carry on their work in clinics, and, with this as a beginning, the very evident value of the work led to its naturally branching out along the very lines so carefully mapped out for it in the beginning. The result is that we now have graduates doing outstanding work not only in schools, clinics, and hospitals but also in manufacturing and industrial concerns, stores, insurance companies, and banks whose many employees bring the hygienist in touch with a cross section of the district in which they are located. Thus, they are in a position to give the benefits of their training and education to many more people than would be possible if their activities had been confined to private practice alone.

This policy of encouraging hygienists to broaden the field in which they work has resulted in their being of greater service in another connection, i.e., in acting as a point of contact between those requiring dental attention and those ready and willing to give it either as private practitioners or through the facilities offered by welfare organizations and public health centers. The importance of this work cannot be overemphasized for no matter how adequate the machinery set in motion to relieve the needs of the people, it cannot function smoothly if the necessary contacts are not established. The public must be familiarized with the means provided for

their care, and the hygienist is in a position to render this service ably and well.

All higher education is a privilege in the sense that it enables those receiving it to lead richer and fuller lives. It finds its greatest justification when those who have enjoyed it use it to make more abundant the lives of those about them. The graduates of the Class of 1938 are not unaware of the greater responsibilities which their greater privileges have brought them. We and they are eagerly looking forward to the many years in which it will be their pride and joy to fulfill them.

REMEMBER

. . . How strangely we felt the first day?
. . . The fun we had carving wax teeth?
. . . The first time we donned our uniforms—how proud we felt?
. . . Mannikin training—and how grateful we were when lectures came and we were able to sit down?
. . . How we all went around for weeks before the exams with furrowed brows, and how relieved we were when they were over?
. . . Christmas—our first vacation—and weren't we happy!
. . . Our first patient. We were never as nervous in our lives as we were that first day.
. . . The day we actually gave three prophylactic treatments in one morning?
. . . How funny we thought we looked in our graduation pictures?
. . . Graduation!

Can we ever forget?

J. B.



The Dental Hygienist Progresses

The dental hygienist helps make modern dentistry by far one of the largest and most important professions. Dental education for the general public is made possible primarily through her efforts.

When we read and hear about the first dental offices, we note a complete absence of any femininity. In those days when dentists were true pioneers women had no place in the professional world. Young women were taught the domestic arts of the home—for this was their usual career.

But this could not go on indefinitely. While some women were content to devote their lives to the smooth running of a household, there were others, as there always will be, who preferred to be in the business or professional world. In 1913 some of these women entered the field of Dental Hygiene.

To-day no dental office is complete without the crisp white cap and uniform which denotes the hygienist. The modern dentist discovers that the majority of the petty tasks with which he has been burdened are so easily assumed by his able assistant.

An efficient hygienist has been taught how to take x-rays, to carve inlays, to receive and dismiss patients, to run the entire office smoothly without consulting the dentist, to give a prophylaxis, to talk to and give helpful advice to patients, and to be the picture of health, cleanliness and efficiency. As a result the dentist finds more and more patients returning for treatment.

Is it any wonder that the dentist finds a hygienist indispensable?

J. B.

THE THREE

I think that I shall never see
a tooth as lovely as a three,
A three whose incisal arms are bent,
(to tear tough food is their intent)
A three whose prominence is bold,
whose pulp reacts to heat and cold,
A three which does its share of toil
and some day may enclose a foil.
A three the keystone of the arch
(to remove its cyst requires a Partsch.)
And some day it may be X-rayed
And may be found to be decayed.
These teeth are pulled by you and me
But only God can make a three.

F. P. S.

Eighty-seven



Oral

The Tiers

September . . .

The fall sun shone brightly on the first and poorly constructed tier. It cast irregular shadows on the ground below. The last nail was hammered to place, and, as one, the forty-four heterogeneous workers sighed. They filled with ambition, but possessing few tools, had completed the first tier . . .

"I see a building beautifully equipped."

"I see mannikins with open mouths."

"I see medical students with rosy cheeks, and dental students with red-lettered coats, and nurses with starched caps, and I smell hospital."

"I see forty-four dazed **damozels**."

"I hear a secretary calling names."

"I recognize Southern drawls, and Hairrvard accents, and Brooklyn twangs."

October . . .

The wind blew. The forty-four have coupled. Some pairs are lachrymose; others are ludicrous. Together they work with timber of a finer nature. The second tier is stable and complete . . .

"What do we do now?"

"We carve."

"Carve?"

"Surely. Teeth."

"So! It is my lot to carve niches in buccal surfaces. It is also my lot to carve a niche in the world, when I would prefer carving some people I know."

November . . .

Eighty-eight



Hygienists

The moon rose, and on the third tier silver streaks appeared. The moon was laughing, for he was developing a sense of humor while the forty-four workers developed a sense of touch . . .

"It was morning because the clock told me so. My heart pleaded with the clock, for my heart told me it was the middle of the night. Never ruled by my heart, I up and, betimes, to my little mannikin where I find two glimmering sets of teeth covered with pseudo-tartar. I stand, I scrape, I scale, I swing and push and pull, I slide and vibrate, I sweep, I thirteen, I fourteen, I brush, I massage, and above all I clean those teeth and gums so that neither flaw nor tartar are manifest. For what? So that I may put on more tartar, and go through another day to wake only the next morning, despite the fact I believe it still night, and up to school where I stand and scrape and scale immaculately, to put on once again the pseudo-tartar, in order to remove it the next day."

December . . .

A tier of steel made with Harlan scalers and Universal scrapers riveted in place with explorers and sevens and eights! This, the last tier, was the finest of them all . . .

Surrealistically speaking, we stand on a mound at the bottom of which is engraved 'For of the most High Cometh Healing'. Out of our heads seep battered globulins and bruised albuminoids, femurs and electrons, atoms and periapical angles, the first aid treatment for shock and Dr. Diamond's Dental Anatomy, what to feed the two-year-old and how to prepare toxins—not for two-year-olds—fibroblasts and gallstones. In our hands we clutch an A. V. Hughes handbook which is undoubtedly indispensable and invaluable.

F. L.

Eighty-nine

COLUMBIA



Sonya Bilmes
Brooklyn, New York



Sylvia Blank
Brooklyn, New York



Joan Bloomstein
New York, N. Y.



Louise Brown
Brooklyn, New York



Barbara J. Browning
Port Jervis, New York



Gudrun Christensen
Brooklyn, New York

SCHOOL OF DENTAL

Margaret Costello
White Plains, New York



June I. Credle
Jacksonville, Florida



Dorothy P. Dolan
Stamford, Connecticut



Mary E. Fairweather
Water Mill, L. I., New York



I. Nell Fanning
Jacksonville, Florida



Esther M. Fattori
Carlstadt, New Jersey



COLUMBIA



Odella C. Gay
Jacksonville, Florida



Harriet J. Gelber
Newton, New Jersey



Helen J. Greene
Bennington, Vermont



Sylvia Heilingher
Ottawa, Ontario, Canada



Johanna Hess
Bayside, L. I., New York



Edith L. Howie
Salem, Massachusetts

SCHOOL OF DENTAL

Josephine Jaffe
New York, N. Y.



Dorothy R. Jenneman
Riverside, Connecticut



Araksi H. Kasakian
Brooklyn, New York



Lorraine C. Kerrigan
Woodhaven, New York



Helene J. Kraftman
New York, N. Y.



Mary P. Lawlor
Waterbury, Connecticut





Eileen Lenihan
South Norwalk, Connecticut



Florence Lerner
Astoria, L. I., New York



Sylvia Levy
Arverne, New York



Ruth E. Lewis
Asbury Park, New Jersey



Shirley B. Martens
Massapequa, L. I., New York



Bernice M. Morris
New Haven, Connecticut

Helen C. Nelson
Brooklyn, New York



Josephine Roinick
Newark, New Jersey



Yolanda R. Taranto
Norwich, New York



Gloria Teitelbaum
New York, N. Y.



Edythe Tompkins
New York, New York



Loretta Ann Tracey
Hartford, Connecticut



COLUMBIA UNIVERSITY



Gertrude E. Turlick
Bridgeport, Connecticut



Margaret M. Weil
Westwood, New Jersey



Ruth M. Weinle
Brandon, Vermont



Ruth Weisberg
Bridgeport, Connecticut



Alice E. Whelan
Waterbury, Connecticut



Sylvia R. Zinn
Bronx, New York

Estelle Zucker
Brooklyn, New York



Oral Hygiene Roster

Sonya Bilmes	580 Pennsylvania Avenue, Brooklyn, N. Y.
Sylvia Blank	1635 Putnam Avenue, Brooklyn, N. Y.
Joan Bloomstein	270 St. Nicholas Avenue, New York, N. Y.
Louise Brown	519 E. 24th Street, Brooklyn, N. Y.
Barbara J. Browning	7 Elizabeth Street, Port Jervis, N. Y.
Gudrun Christensen	366—86th Street, Brooklyn, N. Y.
Margaret Costello	1 Northminster Drive, White Plains, N. Y.
June I. Credle	2116 Dellwood Avenue, Jacksonville, Fla.
Dorothy P. Dolan	611 Glenbrook Road, Stamford, Conn.
Mary E. Fairweather	Cobb Road, Water Mill, L. I., N. Y.
I. Nell Fanning	2544 Post Street, Jacksonville, Fla.
Esther M. Fattori	538 Broad Street, Carlstadt, N. J.
Odella C. Gay	716 Professional Building, Jacksonville, Fla.
Harriet J. Gelber	35 Halsted Street, Newton, N. J.
Helen J. Greene	Robinson Avenue, Bennington, Vt.
Sylvia Heilingher	165 Laurier Avenue East, Ottawa, Ont., Can.
Johanna Hess	39-29—201 Street, Bayside, L. I., N. Y.
Edith L. Howie	2 Lee Street, Salem, Mass.
Josephine Jaffe	1563 Inwood Avenue, New York, N. Y.
Dorothy R. Jenneman	Riverside Avenue, Riverside, Conn.
Araksi H. Kasakian	206 Garfield Place, Brooklyn, N. Y.
Lorraine C. Kerrigan	87-05—89 Avenue, Woodhaven, N. Y.
Helene J. Kraftman	707 W. 171st Street, New York, N. Y.
Mary P. Lawlor	59 Waterville Street, Waterbury, Conn.
Eileen Lenihan	144 Flax Hill Road, South Norwalk, Conn.
Florence Lerner	3015—21 Street, Astoria, L. I., N. Y.
Sylvia Levy	438 Beach 67th Street, Arverne, N. Y.
Ruth E. Lewis	916 Fourth Avenue, Asbury Park, N. J.
Shirley B. Martens	166 Brewster Road, Harbour Green, Massapequa, L. I., N. Y.
Bernice M. Morris	336 Orange Street, New Haven, Conn.
Helen C. Nelson	835—68th Street, Brooklyn, N. Y.
Josephine Roinick	99 Broadway, Newark, N. J.
Yolanda R. Taranto	139A East Main Street, Norwich, N. J.
Gloria Teitlebaum	41 Bennett Avenue, New York, N. Y.
Edythe Tompkins	801 Riverside Drive, New York, N. Y.
Loretta Ann Tracey	52 Winship Street, Hartford, Conn.
Gertrude E. Turlick	348 Mill Hill Avenue, Bridgeport, Conn.
Margaret M. Weil	485 Fourth Avenue, Westwood, N. J.
Ruth M. Weinle	3 Carver Street, Brandon, Vt.
Ruth Weisberg	2310 Park Avenue, Bridgeport, Conn.
Alice E. Whelan	53 Chestnut Avenue, Waterbury, Conn.
Sylvia R. Zinn	2160 Grand Concourse, Bronx, N. Y.
Estelle Zucker	4818 Clarendon Road, Brooklyn, N. Y.

With the
Appreciation
of the
Purchasing Department

There are Teeth behind *Dentsply Tooth Service*

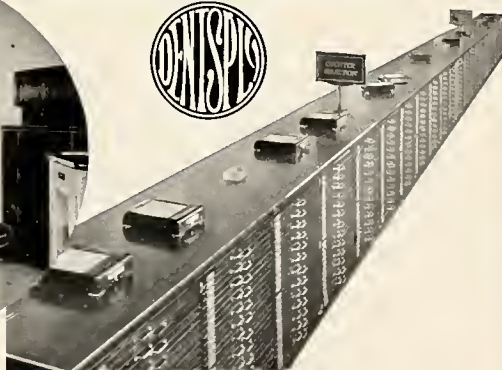
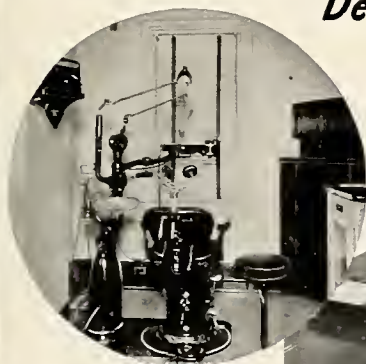
DENTSPLY TOOTH SERVICE just naturally runs to superlatives—the longest tooth counter in the country, 75 feet long; underneath, that counter is all teeth, the largest retail tooth stock in the country, and that counter is tended by experienced clerks—which makes it 75 feet of prompt, accurate tooth service!

When you want teeth—DENTSPLY!

But before you need tooth service, you are going to need equipment service. There again Dentsply leads. The best of the best.

Start right! Let Dentsply plan and equip your office. Whether your equipment budget is large or small, Dentsply Office-Planning and Equipment Department knows how to give you the most in equipment service per dollar spent.

Dentists Depend on



DENTSPLY DEPOT

NEW TRUBYTE . . . TRUBYTE . . . TRUBRIDGE . . . SOLILA

The Dentists' Supply Company of New York

220 WEST 42nd STREET, NEW YORK

DENTSPLY MESSENGER SERVICE

Wherever you may practice in the New York Metropolitan area, Dentsply Messenger Service brings you within an hour or two of Dentsply Service. Whatever your needs, call Dentsply—WIsconsin 7-9080.

This useful NEY Chart for ORTHODONTISTS

ORTHODONTIC ALLOYS — PHYSICAL PROPERTIES AND USES
THE J. M. NEY COMPANY — HARTFORD, CONNECTICUT, U. S. A.

Uses	Fusion Temp.	Proportional Limit, lbs./sq. in.	Ult. Tensile Strength, lbs./sq. in.	Bowditch Hardness No.	Elongation %	Price per Dwt.
CDUM #9	1975°F	H. 115,000 S. 86,500	H. 148,000 S. 117,900	H. 260 S. 190	H. 8 S. 15	\$3.25
NEY-ORO ELASTIC #4*	1925°F	H. 131,500 S. 88,000	H. 173,000 S. 125,000	H. 270 S. 175	H. 7 S. 20	3.10
NEY-ORO ELASTIC #12	2010°F	H. 135,000 S. 73,000	H. 165,000 S. 120,000	H. 290 S. 200	H. 1 S. 14	2.25
NEY-ORO GOLD COLOR ELASTIC	1675°F	H. 135,000 S. 89,800	H. 165,000 S. 120,000	H. 280 S. 180	H. 1 S. 22	1.75
PALINEX #7	1985°F	H. 148,000 S. 82,000	H. 180,000 S. 112,000	H. 270 S. 165	H. 9 S. 20	1.40
PALINEX #6	1970°F	H. 116,000 S. 27,000	H. 150,000 S. 58,000	H. 270 S. 100	H. 9 S. 23	2.10
NEY-ORO MEDIUM HARD	1825°F	S. 40,000 H. 50,000	S. 81,000 H. 86,000	S. 135 H. 150	S. 15 H. 7	2.25
NEY-ORO HARD	1925°F	S. 85,000 H. 130,000	S. 115,000 H. 170,000	S. 190 H. 270	S. 15 H. 9	1.75
NEY-ORO EXTRA HARD	2500°F	24,000	60,000	95	23	2.40
PALINEX MEDIUM HARD	2325°F	46,000	85,000	130	27	1.75
PALINEX HARD	1910°F	30,000	63,000	105	20	

*Specialty & D. S. Co. Inc. 100 E. 1st St. New York 17, N. Y. For Dental Wires and Tubes, see separate list.

The new, informative Ney Chart includes a complete table of sizes ordinarily used for various parts of orthodontic appliances, special information regarding the condition in which arch wires are furnished, suggestions for annealing and hardening heat treatments, a list of acid pickles with formulae and special uses. In addition, this colorful chart presents the complete physical properties of Ney's entire line of wires and band materials. Send coupon today for your copy of this convenient ready-reference aid.

The J. M. NEY Co.
Established 1812

HARTFORD, CONN., U. S. A.

Gentlemen:

Kindly send by return mail a copy of your new orthodontic chart.

Dr. _____
Address _____

BUILDING A SUCCESSFUL PRACTICE

Far seeing dental graduates appreciate that quality equipment means a satisfactory income. Ritter equipment is quality equipment—and a well chosen investment. Then too the Ritter Company is the only organization with a well organized plan to help you to quickly build a successful practice.



1. Graduate selects Ritter equipment . . . is surprised at small monthly payments.



2. Ritter's Statistical Department recommends best locality for greatest opportunity.



3. Ritter representative personally gives the young dentist sound advice on specific problems.



4. Ritter's Architectural Service lays out his attractive and efficient office.



5. Ritter's Practice Building Service . . . Every two weeks, for a year and a half, this Service brings him the solutions of problems that are tried and proven methods of successful dentists.



6. Personal problems of Practice Building answered by competent practitioners associated with the Ritter Practice Building Service.

7. Ritter's Educational Division helps him build a profitable children's practice by advising him how to win them to his office.



8. THE RESULT: A profitable practice in but a fraction of the time required by "trial and error" methods—equipment quickly paid for out of the income that Ritter helped him make. The Ritter Dental Manufacturing Company, Inc., Ritter Park, Rochester, N. Y.

Start Right with Ritter

\$ \$ \$ \$ \$

*You can pay more... But you can't buy
a Better Dental X-Ray Unit than the new*

Mattern Dental Unit

STUDY THESE FEATURES . . .

Completely oil-immersed
Completely shock-proofed
Thermostatic control for tubes
Simplicity of manipulation
Sharp radiographic "Detail" (due to small focal spot)
Simplicity of Control Adjustment
Up to 15. milliamperes and 65,000 volts
"Precision" Adjustable TIMER
Automatic Circuit Breaker
Engineered to give Radiographic Service beyond demands of Dental Radiography
Designed for perfect harmony in any office
Only \$695.00 complete
2-Year Guarantee on Equipment and 6 months on Tube.

You will want to know more about the Sensational Value of this New MATTERN DENTAL X-RAY at a saving of over \$300.

**WHY NOT INVESTIGATE
TODAY?**

\$695 Complete

Terms to suit.

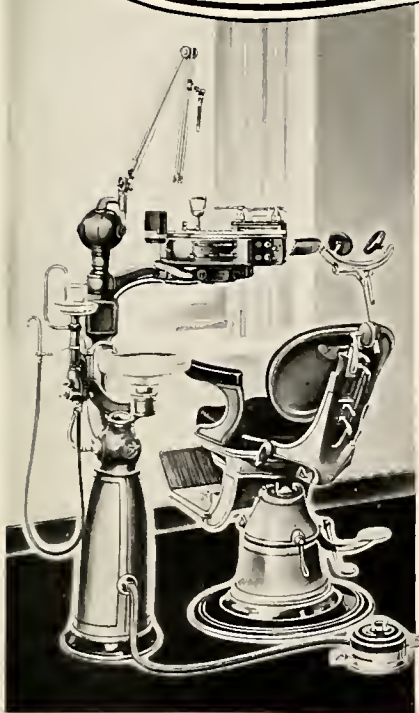
Sole Eastern Distributor



J. BEEBER CO.,

178 SECOND AVE., N.Y.C.
1109 WALNUT ST., PHILA.

**There is a comforting
assurance in knowing
that you own the best**



**OUR OFFICE PLANNING SERVICE
IS FREE!**

Dental dealers who distribute S.S.White Equipment will explain the details of this service and those of the S.S.White Deferred Payment Plan.

Ask your dealer, or write direct for the S.S.White booklet, "Plan for Tomorrow as you Build for Today." It is free for the asking.

The S.S.White Dental Mfg. Co.

211 SOUTH 12th STREET, PHILADELPHIA, PA.

*In civilized society external
advantages make us more re-
spected. You may analyze this
and say, "What is there to it?"
But that will avail you nothing,
it is part of the general system.*

(WEBSTER)



This admonition on the part of Daniel Webster applies to you and the profession you have chosen. You are on the threshold of the actual practice of dentistry. While your diploma may evince your thorough training, it is the appearance of your office that will introduce you, and by the dignity and adequacy of its appointments are your patients impressed with your preparedness to render the latest and highest type of dental service.

The purchase of equipment is an investment, not a speculation. You select it with a belief in its permanency, or the possibility of adding to it as your practice may require. It is not your intention to discard it after a brief trial, therefore its purchase should be approached with thoughtful consideration.

To the discriminating eye, S.S.White Dental Equipment offers everything that can be desired in a modern, up-to-date office. Its design and construction conform to the highest standard of engineering principles, and no part has been slighted because unseen. The soundness and permanency of its values are evinced by its completeness, the convenience of its appointments, and the simplicity and sturdiness of its construction.

To patients, the S.S.White Unit and Chair will always be a comforting assurance of competent, dependable service.

S.S.White Equipment can be purchased on liberal terms.



When PORCELAIN is Indicated

Call



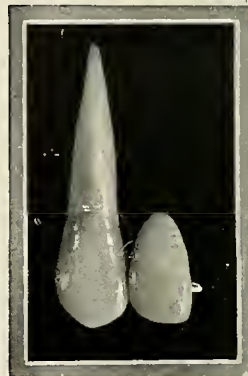
first!

You will not be long in practice that requires a porcelain jacket crown restoration . . . or perhaps a small porcelain bridge.

Prepare yourself for that opportunity **now** by getting acquainted with Nu-dent. Let us send you literature illustrating Nu-dent Porcelain Restorations and giving simple preparatory techniques. Then you will see how

easy it is to give patients Nu-dent Porcelain Restorations, with their exquisite naturalness of form, shade and staining.

And when you entrust your porcelain work to Nu-dent, you entrust it to an organization of **porcelain specialists** . . . an organization which guarantees satisfaction!



"UNIT-BILT" BRIDGES
SWANN BRIDGES
THIMBLE BRIDGES
GUM BLOCKS
CAST-PLATINUM
ALL-PORCELAIN
BRIDGES



PORCELAIN STUDIO, Inc.
Paramount Building, N.Y., N.Y.
Tel. LACKawanna 4-3591-3592

"SUPER-STRENGTH"
JACKETS
PORCELAIN JACKETS
SWANN JACKETS
PORCELAIN INLAYS
TOOTH STAINING

BLUE ISLAND

SPECIALTY COMPANY

Manufacturers of
BISCO PRODUCTS
BURS
BANDS & SHELLS
IMPRESSION TRAYS
INSTRUMENTS
MOUNTED POINTS & STONES
ORTHODONTIA
APPLIANCES & SUPPLIES
Write for Price Lists

BLUE ISLAND
SPECIALTY COMPANY
BLUE ISLAND, ILLINOIS

TAKAMINE

BAMBOO HANDLE
TOOTH BRUSHES

STANDARD

2 ROW INTERDENTAL

3 ROW INTERDENTAL

SALLIE

TAKAMINE CORPORATION

132 FRONT STREET
New York City, N. Y.

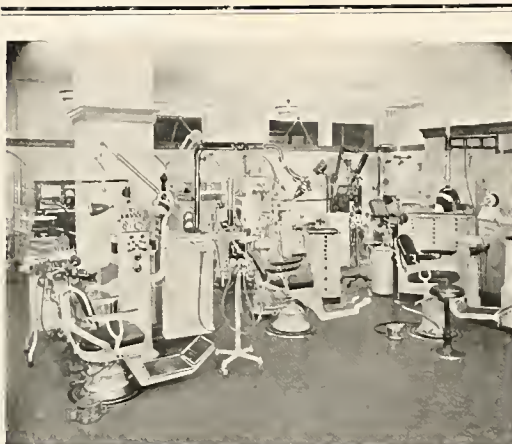
Getting Off

ON THE RIGHT FOOT

FOR 20 years graduates have turned to Rubinstein Rebuilt as the best way to open up. First of all, it reduces the cost of your office. You begin with a smaller 'load' to carry—you work with a freer mind.

Second, you get new equipment appearance and new equipment efficiency in Rubinstein Rebuilt. Not only does it look like new—it WORKS like new! Best proof of that is the fact that veteran doctors keep coming back to us for their outfits year after year.

Finally, convenient payment terms make it easy for you to own our rebuilt equipment.



RUBINSTEIN DENTAL EQUIPMENT COMPANY

141 FIFTH AVENUE, AT 21st STREET
NEW YORK CITY

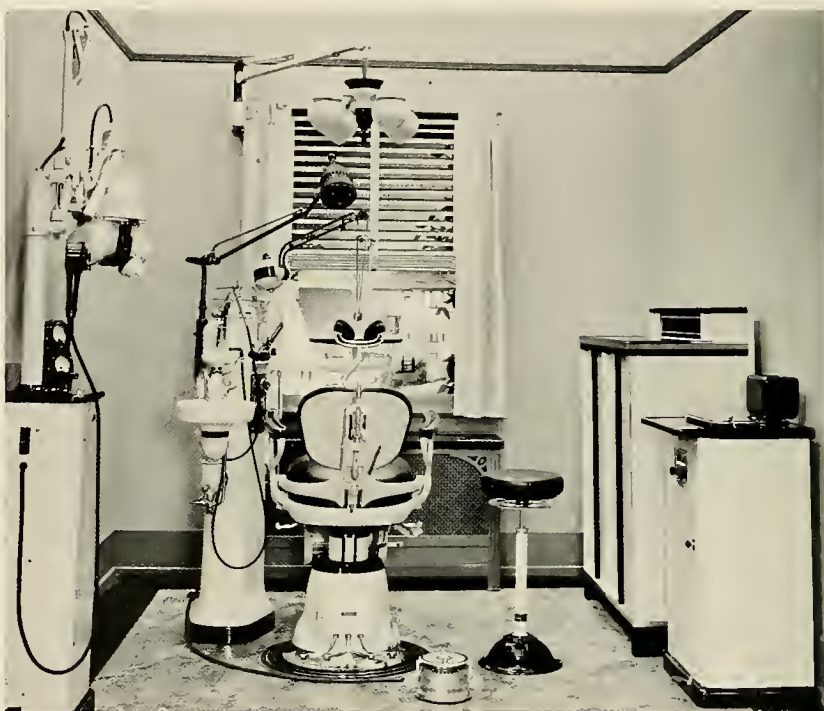
PHONE ALGONQUIN 4-5626-7-9

The Medical Center Bookstore

appreciates your cooperation

during your stay at the

Medical Center



Our experience in modernizing and planning Dental Offices covers a period of many years. This department is managed by very able men who suggest the arrangement of equipment, furniture and comprehensive decorating schemes drawn up for your specific needs.

Thousands have availed themselves of the General Dental service.

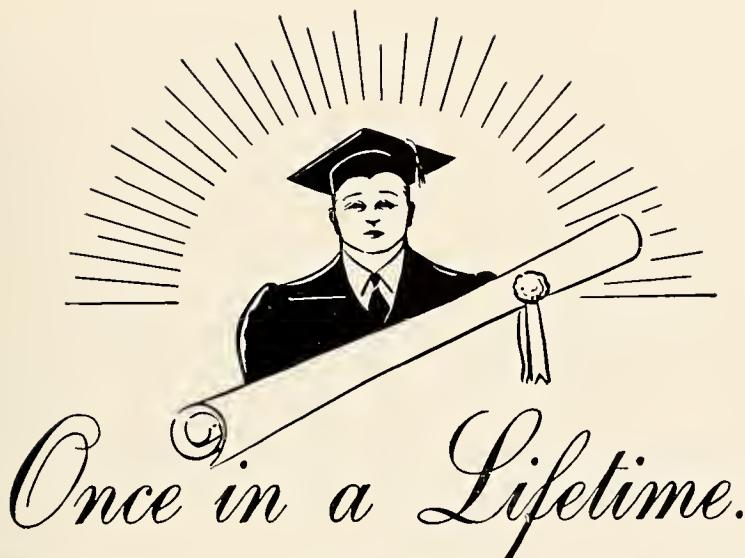
Why not you?

General Dental Supply Co., Inc.

19 UNION SQUARE

NEW YORK, N. Y.

Bronx Depot
391 E. 149th ST.



COMMENCEMENT DAY will be one of the proudest moments in your life. For on this day you will stand on the threshold of a new career and dedicate your life's work to a noble and humanitarian cause . . . the practice of dentistry.

Another proud moment will be when you open your first office and welcome your first patients. And here is the moment when your professional reputation will be established.

Even before you have an opportunity to say, "Open wide,



please," these "first" patients will be forming definite opinions about you . . . opinions that will be based on two things . . . First, the appearance of your office and secondly, your Personality and outward expression of faith in your chosen Profession.

With 87 per cent of "first impressions" being lasting ones, it is important therefore that you give careful consideration to your office surroundings, especially your operating room equipment. Patients expect and demand modern dentistry in clean, modern surroundings today and most of them will seek out dentists who can measure up to these requirements.

So, don't run the risk of condemning your practice to mediocrity or failure when it is so easy to "set the stage" for a successful career with the equipment that has helped so many young dentists off to a successful start.

WEBER Equipment is modernly designed and built to give life-time service and satisfaction, yet priced so as to be within the limits of even the most modest equipment budget. There is a Weber Equipment assembly to meet EVERY Purse and Purpose.

WEBER Equipment is sold, guaranteed and serviced by selected, "first-line" dealers everywhere. If you are not acquainted with the WEBER Dealer in your locality, write us and we will gladly send you his name. Our office Planning and Location Analysis Service is yours for the asking.

Weber Dental Manufacturing Co., Inc.
Canton, Ohio

Buy With Confidence . . .

Use With Pride . . . INVEST IN

W E B E R

And Gain Your STRIDE!

Chidnoff Studio

469 Fifth Avenue

New York



Official Photographer For The
1938 Dental Columbian



FREE PLANNING SERVICE

Expert layouts for creating your custom-built office offered free. Skilled installations to save you money.

EASY PAYMENT PLAN

No large cash outlay—and up to 36 months for payments. This is a Guterman feature worthy of your investigation.

Branch: 203 E. 23rd St. ST. 9-8251

Save TIME and TROUBLE visit Guterman **FIRST**

You save a lot of time and trouble by seeing Guterman FIRST! Here you can see every manufacturer's equipment under ideal conditions—exhibited in special model display rooms. With this complete selection on hand we can meet everyone's economic requirements and offer unbiased advice. Save time and trouble—see Guterman FIRST!

RITTER . . . S. S. WHITE GENERAL ELECTRIC and WEBER EQUIPMENT

4 model Display Rooms, exhibiting the latest equipment of EVERY manufacturer, shows you how YOUR custom-built office will look. We have helped hundreds of graduates start their professional careers on the right foot. May we be of assistance to you?

The Dental Showplace of N. Y.

GUTERMAN

Dental Supply Company
515 Madison Ave. Cor. 53rd St.
ELdorado 5-1885-1886-1887-1888

"Seal It Forever"

With
FLECK'S

The unmatched "extra margin" of strength and density which makes FLECK'S the *safety* cement, assures its dependability. FLECK'S cementations endure. Safeguard your work and reputation by "sealing forever" with FLECK'S.

MIZZY, INC.

105 East 16th St., New York

CDX
MODEL "E"

The 100% Shock Proof
(oil-immersed)
Dental X-Ray Unit
for your new office



● First impressions count! When you reach for the CDX on the wall of your new office, your patients will instinctively realize that your knowledge of dentistry is as modern as your equipment.

As you start your career, do not handicap yourself with obsolete apparatus—a surprisingly small monthly payment will provide a CDX. Write for complete details.

GENERAL ELECTRIC
X-RAY CORPORATION
2012 Jackson Blvd., Chicago, Ill.

BUY EQUIPMENT

IN TERMS OF TOMORROW

When you invest in new equipment, don't forget to figure the dividends that come from years of trouble-free operation.

A location carefully selected—an office properly planned, and an equipment efficiently installed, make the first cost the ultimate cost.

Choose a Melrose Installation—we are agents for all standard makes of equipment and supplies of quality.

MELROSE

DENTAL DEPOT, Inc.

Grand Central Zone

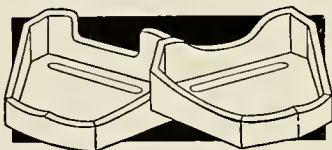
Liggett Bldg.

41 East 42 Street

Cor. Madison Ave.

Dial VAnderson 3-4043

NEW!



Columbia Rubber Model Former

THE easy way to make neat study models. Just pour plaster into model former and mount anatomical cast. The soft, pliable rubber permits easy removal of model, which comes out perfectly smooth and finished, with indented panel for patient's name and other data.

Upper and lower models made in these formers occlude automatically. **PRICE** per set—1 upper and 1 lower rubber model former—\$2.75.

Order through your dealer.

Columbia Dentoform Corp.

"The House of a Thousand Models"

131 East 23rd St. New York, N.Y.



Make your office a modern, up-to-date place which gives patients an impression of progressive technique. You can do this by planning your office around one of the new **AMERICAN Cabinets** ... like the No. 144 cabinet shown here.

THE AMERICAN CABINET CO.

Two Rivers, Wisconsin



American

DENTAL CABINETS



In DENTAL CIRCLES..

Fawcett's is the acknowledged leader as the source of supply for the most modern Dental Equipment.

Before you establish an office we invite you to consult our experts, who will be glad to work out with you, a plan to coordinate your office requirements with your financial budget.

Fawcett & Fawcett Inc.
Dental Materials & Equipment
435 Fulton St., Bklyn., N.Y.

KAY RUBBER CO.
PURE RUBBER LIGATURES
296 Broadway, New York City

Compliments of
A. Geisinger

We are proud to have co-operated with the editors of the 1938 DENTAL COLUMBIAN in the production of this fine volume.

The Columbia College of Dentistry joins the ranks of the numerous institutions whose publications we print and whom we have had the pleasure of servicing during a period of many years.

Eastern Printing Company

33 FLATBUSH AVENUE

BROOKLYN, NEW YORK

STERLING 3-0500

Photo-engravings in this volume were produced by the

Scientific Engraving Company

406 WEST 31st STREET

NEW YORK, N. Y.

CHICKERING 4-1396



A Senior Class Publication

COLUMBIA UNIVERSITY LIBRARIES



0064271609

